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Edward S. Holden

1885. from D.G.

CATALOGUE

OF

4,810 STARS

FOR THE EPOCH

1850;

FROM OBSERVATIONS MADE AT THE ROYAL OBSERVATORY, CAPE OF GOOD HOPE,

DURING THE YEARS

1849 TO 1852,

UNDER THE DIRECTION OF

SIR THOMAS MACLEAR, KT., F.R.S.,
HER MAJESTY'S ASTRONOMER AT THE CAPE.

REDUCED AND PUBLISHED UNDER THE DIRECTION OF

DAVID GILL, LL.D. (ABERD. AND EDIN.), F.R.S., &c.
HER MAJESTY'S ASTRONOMER AT THE CAPE.

PUBLISHED BY ORDER OF THE BOARD OF ADMIRALTY IN OBEDIENCE TO HER MAJESTY'S COMMAND.

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QB36
C34
1850

74797

ERRATA—CAPE CATALOGUE, 1850.

Page 7.—No. 128. Insert Stone 371.
22.— „ 490. Ann. Prec. in R.A. for 1850, for + 3ˢ·349 read + 1ˢ·349.
23.— „ 453. *Dele* Henderson 5.
23.— „ 490. Mean Year and Fraction of Year, for 50·18 read 51·18.
25.— „ 508. „ „ „ 50·20 „ 51·20.
25.— „ 531. Cape 1880 *minus* Cape 1850, for − 17″·70* read + 17″·70*.
28.—Insert foot note—606·607. These are the only stars near the place of B.A.C 1267.
39.—No. 850. Ann. Prec. in N.P.D. for 1850, for − 2″·26 read − 2″·62.
42.— „ 907. Cape 1880 *minus* Cape 1850, for + 1ˢ·07* read + 1ˢ·07.
51.— „ 1087. „ „ „ „ + 0″·26 „ + 2″·06.
54.— „ 1195. Ann. Prec. in R.A. for 1850, for + 1ˢ·841 read + 1ˢ·184.
58.— „ 1276. Star's Name, for κ^1 Puppis read k^1 Puppis.
58.— „ 1277. „ „ „ κ^2 Puppis „ k^2 Puppis.
62.— „ 1380. Mean Year and Fraction of Year, for 52·25 read 51·25.
62.— „ 1393. „ „ „ „ 53·12 „ 52·12.
63.— „ 1353. Cape 1880 *minus* Cape 1850, for + 4″·07 read − 4″·07.
78.— „ 1751. Ann. Prec. in R.A. for 1850, for + 1ˢ·423 read + 2ˢ·423.
80.— „ 1765. Star's Name, for o Velorum read O Velorum.
81.— „ 1789. Cape 1880 *minus* Cape 1850, for − 0″·94 read + 0″·94.
82.— „ 1811. Magnitude, for 6 read 7.
88.— „ 1979. Cape 1880 *minus* Cape 1850, for − 0ˢ·09 read + 0ˢ·09.
98.— „ 2167. Mean R.A. 1850, Jan. 1, for 11ʰ 58ᵐ 7ˢ·21 read 11ʰ 58ᵐ 17ˢ·21.
102.— „ 2281. No. in B.A.C., for 4290 read 4293.
107.— „ 2344. Mean N.P.D. 1850. Jan. 1, for 131° 25′ 25″·06 read 131° 25′ 55″·06.
108.— „ 2419. Ann. Prec. in R.A. for 1850, for + 3ˢ·311 read + 3ˢ·111.
110.— „ 2449. Mean R.A. for 1850, Jan. 1, for 13ʰ 39ᵐ 16ˢ·45 read 13ʰ 39ᵐ 16ˢ·42.
113.— „ 2504. Cape 1880 *minus* Cape 1850, for − 0″·47 read + 0″·47.
113.— „ 2510. Mean N.P.D. 1850, Jan. 1, for 98° 10′ 33″·33 read 98° 10′ 23″·33.
117.— „ 2601. Cape 1880 *minus* Cape 1850, for + 0″·57 read + 0″·37.
120.— „ 2673. No. in B.A.C., for 4958 read 4968.
129.— „ 2852. No. in Johnson, for 270 read 370.
136.— „ 3045. Mean R.A. 1850, Jan. 1, for 16ʰ 22ᵐ 33ˢ·83 read 16ʰ 22ᵐ 33ˢ·53.
140.— „ 3133.* (Foot note.) Insert "precession" before + 4ˢ·191.
144.— „ 3222. Star's Name, for Cape 1840 Cat. No. 2771 read Cape 1840 Cat. No. 2271.
145.— „ 3212. Cape 1880 *minus* Cape 1850, for − 0″·25 read + 0″·25.
146.— „ 3255. Mean Year and Fraction of Year, for 52·96 read 51·96.
146.— „ 3264. „ „ „ „ 51·57 „ 52·57.
146.— „ 3265. „ „ „ „ 51·19 „ 52·19.
147.— „ 3284. Mean N.P.D. 1850, Jan. 1, for 135° 42′ 9″·93 read 135° 42′ 4″·93.
150.— „ 3357. Mean R.A. 1850, Jan. 1, for 17ʰ 32ᵐ 4ˢ·34 read 17ʰ 32ᵐ 14ˢ·34.

Page 150.—No. 3365. Cape 1880 *minus* Cape 1850, for — $0^s.33$ read — $0^s.03$.
151. — „ 3348. Insert Fallows 275 and Henderson 3.
152.— „ 3387. Cape 1880 *minus* Cape 1850, for — $0^s.17^*$ read — $0^s.17$.
154.— „ 3437. Ann. Prec. in R.A. for 1850, for + $3^s.330$ read + $3^s.300$.
155. — „ 3443. Raise number in Johnson one line.
157.— „ 3479. Ann. Prec. in N.P.D. for 1850, for + $0''.01$ read — $0''.01$.
157.— „ 3493. Mean Year and Fraction of Year, for 51·60 read 50·60.
157.— „ 3497. „ „ „ „ 50·89 „ 51·89.
157.— „ 3498. „ „ „ „ 51·35 „ 50·35.
163.— „ 3612. No. of observations of N.P.D., for 5 read 2.
169.— „ 3751. Mean Year and Fraction of Year, for 50·12 read 51·12.
169.—Nos. 3757 to 3760, raise Stone 10384, 85, 92 and 93 one line.
169.—No. 3778. Mean Year and Fraction of Year. for 50·04 read 51·04.
174.— „ 3906, Mean R.A. 1850, Jan. 1, for $19^h\,41^m\,38^s.34$ read $19^h\,41^m\,38^s.64$.
187.— „ 4184. Cape 1880 *minus* Cape 1850, for + $1''.04$ read + $1''.14$.
192.— „ 4296. Star's Name, insert 9949 after Taylor.
194.— „ 4352. No. in B.A.C., for 7562 read 7563.
194.— „ 4353. „ „ 7573 „ 7572.
194.— „ 4354. „ „ 757 „ 7573.
194.— „ 4362. Cape 1880 *minus* Cape 1850, for $0^s.12$ read — $0^s.12$.
199.— „ 4454. Ann. Prec. in N.P.D. for 1850, for — $16''.60$ read — $17''.60$.
202.— „ 4506. Star's Name, for Toucani υ read Toucani ν.
203.— „ 4544. Mean N.P.D. 1850, Jan. 1, for 76° 57′ read 79° 57′.
204.— „ 4550. Mean Year and Fraction of Year, for 52·58 read 51·58.
204.— „ 4553. „ „ „ „ 51·27 „ 52·27.
209.— „ 4670. „ „ „ „ 50·36 „ 51·36.
210.— „ 4701. Mean R.A. 1850, Jan. 1, for $23^h\,21^m\,31^s.95$ read $23^h\,21^m\,3^s.95$.
210.— „ 4707. Mean Year and Fraction of Year, for 51·15 read 52·15.
211.— „ 4709. Mean N.P.D. 1850, Jan. 1., for 95° 54′ $22''.94$ read 94° 54′ $22''.94$.

NOTE.

The Cape Catalogue for 1850 was printed in London during Mr. GILL's visit to England in 1884.

The above List of Errata in the printed Catalogue was prepared by a careful comparison of the letterpress with the original reductions after Mr. GILL's return to the Cape.

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INTRODUCTION.

Mr. (afterwards Sir Thomas) Maclear was appointed Her Majesty's Astronomer at the Cape in 1833, and he arrived at the Cape on the 5th January 1834.

The observations made with the Transit Instrument and Mural Circle under his direction during the years 1834 to 1840 were reduced by him. The results were finally revised and published under the direction of his successor, Mr. E. J. Stone, and they form the Cape Catalogue for 1840.

In 1841 Maclear commenced the field work of his celebrated "Verification and Extension of Lacaille's Arc of the Meridian," and till the termination of that work in 1848 the Meridian work of the Observatory was necessarily limited in extent, being chiefly confined to the determination of Time, and the observations of Stars with the Zenith Sector in connexion with the geodetic operations.

Maclear's immediate object in the arrangement of the observations from 1849 was to observe all stars of the British Association Catalogue south of the Equator, and a great deal of time was spent in endeavours to reconcile the observations of Lacaille and others with the results obtained at the Cape. Many interesting discussions on the subject are printed in the Memoirs of the Royal Astronomical Society (Vol. XX.).

Apart from these discussions, however, the reductions were left in a very incomplete state until they were taken up by Mr. Stone, from time to time as opportunity offered, between 1870 and 1879.

The present Catalogue contains the results of observations made during the years 1850–52; a few observations made in 1849 have also been included.

The Right Ascensions were all observed with Dollond's Transit, which was mounted by Fallows in 1828, immediately after the erection of the Observatory buildings. The plates carrying the Y's

rest on substantial stone piers. There are screws for the adjustment of the instrument in level and azimuth. The object glass is an excellent one, its focal length is nearly ten feet, and its aperture five inches. A power of 132 was generally used in making the transit observations.

For determination of the error of collimation, two lenses were fixed in pieces of teak wood, attached to the woodwork of the openings of the northern and southern shutters. The centres of these lenses were nearly in the line of collimation of the telescope when the instrument was horizontal. The focal lengths of the southern and northern lenses were 150 and 34 feet respectively. In the foci of these lenses were placed adjustable silver plates carrying × marks supported by substantial brick pillars. The error of collimation was found by bisecting both the northern and southern marks with the middle wire, the instrument was then reversed, and both marks again bisected. The mean of these four readings is the line of geometric collimation, and is independent of any change of azimuth in reversal.

The correction for diurnal aberration was incorporated with the correction for collimation error.

The level error was determined by the use of a spirit level till October 1851, about which time a number of observations for level were made both with the spirit level and by reflection from mercury. After that date the Bohnenberger eyepiece and reflection from mercury were substituted for the spirit level in determining the inclination of the axis. The pivots have been assumed to be of equal diameter.

The azimuthal errors were usually determined by observation of o, A, Z, σ, B, C, and τ Octantis, Brisbane 4091, β Hydri, and α Trianguli Australis. Whenever practicable, consecutive transits were obtained. Consecutive transits of β Argûs, β and γ Apodis, were also occasionally used for the determination of azimuthal error. Stars of less than 10° S.P.D. have not been kept for place unless the azimuth was obtained from consecutive transits.

The clock errors were obtained from the observation of Nautical Almanac stars. The following table of corrections which have been applied to the Nautical Almanac Right Ascensions were prepared by Mr. Stone, and employed in the determination of clock error for the reductions executed by him. I have adopted the same corrections for sake of uniformity. The Right Ascensions of time stars have not been retained, unless at least five were observed by the same observer on the same night.

List of Stars used for the determination of Clock Error, with the corrections applied to the Nautical Almanac places.

Star's Name.	Corr^{n} to N.A.	Star's Name.	Corr^{n} to N.A.	Star's Name.	Corr^{n} to N.A.	Star's Name.	Corr^{n} to N.A.
	s		s		s		s
α Andromedæ	+0·06	α Orionis - -	+0·03	β Corvi - -	+0·17	β Lyræ - -	+0·12
γ Pegasi - -	+0·04	μ Geminorum -	+0·01	α Virginis -	+0·05	ζ Aquilæ - -	+0·12
β Ceti - -	+0·10	α Canis Majoris	−0·03	η Boötis - -	+0·05	δ Aquilæ - -	+0·07
θ^{1} Ceti - -	+0·02	ϵ Canis Majoris	+0·02	α Boötis - -	+0·08	γ Aquilæ - -	+0·05
α Arietis - -	+0·07	δ Geminorum -	−0·02	ϵ Boötis - -	+0·08	α Aquilæ - -	+0·05
γ Ceti - -	+0·04	α^{2} Geminorum -	+0·02	α^{2} Libræ - -	−0·02	β Aquilæ - -	+0·04
α Ceti - -	−0·02	α Canis Minoris	+0·16	β Libræ - -	+0·07	α^{2} Capricorni -	+0·10
η Tauri - -	+0·05	β Geminorum -	+0·07	α Coronæ Bor.	+0·10	β Aquarii -	+0·03
γ^{1} Eridani -	+0·06	15 Argûs - -	0·00	α Serpentis -	+0·06	ϵ Pegasi - -	+0·01
α Tauri - -	+0·02	ϵ Hydræ - -	−0·05	β^{1} Scorpii -	+0·06	α Aquarii -	+0·10
β Orionis - -	+0·03	α Hydræ - -	+0·09	δ Ophiuchi -	+0·06	ζ Pegasi - -	+0·08
β Tauri - -	+0·03	ϵ Leonis - -	+0·01	α Scorpii -	+0·02	α Piscis Aust.	+0·09
δ Orionis - -	−0·08	α Leonis - -	+0·05	α Herculis -	+0·12	α Pegasi - -	+0·04
α Leporis -	−0·04	δ Leonis - -	+0·04	α Ophiuchi -	+0·14	ι Piscium -	−0·02
ϵ Orionis -	+0·01	δ Hydræ - -	+0·07	μ^{1} Sagittarii -	+0·07		
α Columbæ -	−0·15	β Leonis - -	+0·07	α Lyræ - -	+0·10		

Till 1852, January 2, a clock by Molyneux, with a dead beat escapement, was employed as the Transit clock, when it was replaced by the clock Hardy. The exchange appears to have been an unfortunate one. At that time the clock Hardy was fitted with its original "Hardy Escapement," which had the merit of a very audible beat, but which experience has shown to be liable to derangement, and uncertain in its results. The irregularities of rate became so great that I was obliged to reject the results of observations of R.A. on many successive nights in May and June 1852. On 1852, June 28, some alterations were made by Mr. Adams, a watchmaker of Cape Town, which for a time had the effect of restoring the performance of the clock, and the rate remained fairly steady during the remainder of the observations connected with the present Catalogue. The clock in question was afterwards sent to England, its Hardy escapement was removed by Dent, and a dead-beat escapement substituted by the same artist. In this form the Hardy clock is now used as our Transit clock, and is found to perform very well.

The clock rates have been reckoned from day to day, allowance being made for the personal equation of the observers.

These personal equations were found to be the following:—

		sec.
1849 to end of 1851	M − C	+0·29
Jan. 1852 till July 1852	M − WM	+0·27
	M − C	+0·40
	M − GM	+0·11
After July 1852	M − GM	+0·26
	M − WM	+0·30

It should be remembered that Mr. George Maclear (GM) only began to observe in 1852, and that the change in the present equation of the observer C is not greater than might have been anticipated from the quality of his observations generally.

The North Polar Distance observations contained in the present Catalogue were made with the new Mural Circle, by Jones, which was mounted in 1839. Two microscopes only were employed, and I have been unable to find any record of an investigation of the errors of division. I have, however, tabulated all the observations I could find in which six microscopes were used, and have formed, from these results, the following Table, which approximately reduces the mean of two microscopes to the mean of six:—

CORRECTIONS applied to the N.P.D.'s, when two microscopes only are used, to reduce to the mean of six microscopes.

N.P.D.	Corr^{n}.	N.P.D.	Corr^{n}.	N.P.D.	Corr^{n}.	N.P.D.	Corr^{n}.	N.P.D.	Corr^{n}.	N.P.D.	Corr^{n}.
60°	+0″·65	81°	+0″·30	102°	+0′·10	123°	0″·00	143°	+0″·31	163°	+0″·65
61	·65	82	·30	103	·09	124	·00	144	·35	164	·65
62	·65	83	·29	104	·07	125	+ ·02	145	·37	165	·66
63	·60	84	·28	105	·06	126	·03	146	·40	166	·67
64	·60	85	·27	106	·05	127	·03	147	·42	167	·69
65	·55	86	·25	107	·05	128	·04	148	·45	168	·70
66	·55	87	·25	108	·05	129	·04	149	·47	169	·71
67	·55	88	·25	109	·05	130	·05	150	·50	170	·72
68	·55	89	·24	110	·05	131	·06	151	·52	171	·73
69	·52	90	·23	111	·04	132	·06	152	·55	172	·74
70	·48	91	·23	112	·03	133	·06	153	·56	173	·74
71	·47	92	·23	113	+ ·02	134	·06	154	·57	174	·75
72	·45	93	·22	114	·00	135	·07	155	·59	175	·75
73	·43	94	·20	115	·00	136	·07	156	·60	176	·75
74	·40	95	·18	116	·00	137	·09	157	·62	177	·76
75	·39	96	·15	117	·00	138	·12	158	·65	178	·77
76	·37	97	·15	118	·00	139	·16	159	·65	179	·77
77	·36	98	·15	119	·00	140	·20	160	·65	180	·78
78	·35	99	·15	120	·00	141	·24	161	·65	181	·79
79	·32	100	·15	121	·00	142	+0·28	162	+0·65	182	+0·80
80	+0·30	101	+0·12	122	0·00						

The latitude adopted was—

$$-33^\circ\ 56'\ 3''\cdot 50.$$

The zenith points were obtained from observations of the wire by reflection by means of a Bohnenberger eyepiece.

The runs have been determined with great care on every day of observation, and the observations so obtained for each day have been applied to the microscope readings of that day.

The refractions used in the reductions were those of Bessel's Tabulæ Regiomontanæ. The barometer was by Jones; its error appears to have been small.

The exterior thermometer (by Dollond) was placed in a metal screen outside the circle-room window. Its index error has been assumed to be insensible, but, strictly speaking, a correction of $-0^\circ\cdot 27$ F. should have been applied on the authority of an investigation by Mr. Stone (Results of Meteorological Observations). No corrections have been applied for flexure, and no sufficient data exist for its determination.

No proper motions are given in the Catalogue, and none have been applied to the star places. The Catalogue, therefore, *represents the places of the stars at the epoch of observation, but reduced to the equinox of* $1850\cdot 0$. The corrections to mean place for the observations of 1851 were computed with the aid of the star constants of the B.A. Catalogue, the remaining observations were entered with the aid of Mr. Stone's Tables. In the case of the Nautical Almanac stars, when the star corrections have been taken from that Ephemeris, a further correction has been applied to reduce rigidly to the epoch of observation.

The observations were made by Mr. (afterwards Sir Thomas) Maclear, Mr. W. Mann, Mr. G. W. H. Maclear, and two other observers. Mr. G. W. H. Maclear observed only with the transit.

Every possible precaution has been taken, by comparing the results with all other existing authorities, and otherwise, to detect accidental errors which had crept in from many causes. This work, for after-mentioned reasons, has been unusually trying and laborious, and has been carried out with much care and patience by Mr. R. T. Pett, under my supervision.

For the purpose of determining the systematic errors of the Catalogue, I have compared it with the Cape Catalogue for 1880, the only work at present published which offers a very large number of stars in common with it. The separate results of this comparison are given in the columns marked "Cape, 1880, *minus* Cape, 1850." When proper motions are given by Stone in the 1880 Catalogue, allowance has been made for such proper motion in the comparison in question, otherwise it is assumed that the accidental effect of

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proper motion will disappear from the mean of so large a number of stars. In the course of these computations a number of stars were found which gave results so discordant that it did not seem desirable to introduce them into the comparison. When the discordance amounted to 5″ of arc on the great circle—in most cases traceable to proper motion—the comparison has not been included in the mean. In such cases the comparison is marked with an asterisk.

In the original formation of the Catalogue the column now occupied by this comparison was filled by a comparison between the places of the British Association Catalogue and those of the present Catalogue. It afterwards appeared to me more useful to give the details now printed, and I only regret that the separate comparisons with other Catalogues were not prepared in the same systematic manner and printed in the columns now occupied by the reference numbers.

The following Table contains the results of this comparison, arranged in groups of 4^h in R.A. and of 3° in N.P.D.

N.P.D.	R.A. 0 hrs. – 4 hrs.							R.A. 4 hrs. – 8 hrs.							R.A. 8 hrs. – 12 hrs.						
	Mean R.A.	Mean N.P.D.	Stone – 1850.					Mean R.A.	Mean N.P.D.	Stone – 1850.					Mean R.A.	Mean N.P.D.	Stone – 1850.				
			R.A.	No. of *s.	N.P.D.	No. of *s.				R.A.	No. of *s.	N.P.D.	No. of *s.				R.A.	No. of *s.	N.P.D.	No. of *s.	
° °	h m	° ′	s		″			h m	° ′	s		″			h m	° ′	s		″		
90– 93	1 59	91 28	+·030	25	– ·32	22		5 42	91 4	–·006	16	+ ·33	15		10 12	91 33	–·041	17	+ ·61	18	
93– 96	1 47	94 20	–·018	25	+ ·92	26		5 48	94 34	+·006	20	+ ·90	20		9 59	94 21	–·021	15	+ ·86	15	
96– 99	1 48	98 2	–·033	16	+1·07	15		4 46	97 25	–·053	21	+ ·38	23		9 37	97 37	–·065	23	+1·05	27	
99–102	1 49	100 20	+·073	19	– ·34	18		5 48	100 22	–·023	14	+ ·73	16		9 38	100 59	–·118	6	– ·10	8	
102–105	1 50	103 16	–·043	12	+ ·15	12		6 14	103 41	+·014	17	+ ·12	23		9 39	102 50	–·071	9	+ ·60	11	
105–108	1 34	106 18	+·037	9	– ·28	9		6 16	106 57	–·074	13	+ ·56	14		10 2	106 8	–·029	15	+ ·61	15	
108–111	1 7	109 30	–·010	3	+ ·85	2		6 8	109 56	–·102	14	+ ·53	15		9 5	109 12	–·010	4	+ ·78	4	
111–114	2 15	112 29	+·028	13	– ·23	13		6 14	113 0	–·110	11	– ·38	14		9 30	112 44	–·085	4	– ·14	5	
114–117	2 27	115 18	–·016	22	– ·08	21		6 19	115 34	–·140	30	+ ·25	33		9 55	115 43	–·078	22	– ·19	24	
117–120	2 23	118 37	–·109	12	+ ·46	15		6 24	118 33	–·126	27	+ ·38	28		9 29	118 28	–·162	21	+ ·07	20	
120–123	2 0	121 14	–·076	30	+ ·71	28		6 22	121 17	–·136	45	+ ·15	45		9 53	121 41	–·117	21	+ ·11	24	
123–126	1 49	124 20	–·155	21	+ ·28	21		5 59	124 42	–·145	53	– ·08	54		9 26	124 35	–·130	20	– ·03	23	
126–129	2 23	127 12	–·097	34	+ ·46	33		6 50	127 25	–·164	56	– ·06	59		9 21	127 36	–·105	23	+ ·04	28	
129–132	2 14	130 33	–·086	39	+ ·03	39		5 51	130 24	–·157	47	– ·65	44		9 36	130 37	–·116	24	– ·62	28	
132–135	1 59	133 34	–·100	36	+ ·19	33		6 4	133 31	–·143	38	– ·87	38		9 14	133 31	–·131	37	– ·47	35	
135–138	1 57	136 46	–·130	26	+ ·50	25		6 20	136 27	–·167	34	+ ·56	32		9 13	136 29	–·222	40	+ ·52	44	
138–141	1 40	139 31	–·030	20	+ ·34	18		6 37	139 35	–·200	32	+ ·12	30		9 15	139 26	–·169	31	+ ·49	36	
141–144	2 2	142 15	+·039	15	+ ·13	13		6 18	142 27	–·202	36	– ·11	33		9 16	142 28	–·176	37	+ ·37	42	
144–147	1 42	145 27	+·014	19	+ ·36	20		6 46	145 29	–·137	29	+ ·87	28		9 40	145 36	–·152	26	+ ·46	38	
147–150	1 39	148 6	–·074	18	+ ·49	16		6 23	148 30	–·087	26	+ ·05	22		9 53	148 27	–·111	37	+ ·30	54	
150–153	2 4	151 25	–·016	23	+ ·07	20		5 59	151 27	–·043	23	– ·11	17		9 56	151 27	–·049	29	– ·06	40	
153–156	2 9	154 20	+·010	22	+ ·29	13		5 57	154 25	–·093	18	– ·06	10		10 2	154 19	–·137	15	+ ·12	34	
156–159	2 7	157 30	–·050	27	+ ·11	25		6 4	157 29	–·084	13	– ·27	7		9 34	156 59	–·021	15	+ ·01	19	
159–162	1 59	160 15	–·089	17	+ ·14	13		6 14	160 27	–·195	13	+ ·30	7		10 4	160 14	–·114	13	+ ·55	13	
162–165	2 2	164 13	–·157	10	+1·22	6		6 34	162 45	–·090	5	+1·09	1		9 48	163 43	+·011	10	+ ·09	14	
165–168	2 0	166 8	–·032	10	+2·32	5		5 33	166 27	+·303	3	– ·07	1		10 4	166 30	–·544	7	+ ·78	8	
168–171	2 2	169 19	–·072	13	+ ·31	7		5 52	169 16	+·088	9	+1·14	5		9 39	169 4	+ ·079	10	+1·05	10	
171–174	1 51	173 24	+·220	3	– ·30	2		4 50		+·033	3				10 36	171 19	–1·565	2	– ·05	2	
174–177	1 47		+·350	1				5 59	175 55	–·750	1	+ ·37	1		10 36		– ·140	2			
177–180	0 14	179 12	–·940	1	– ·48	1															

N.P.D.	R.A. 12 hrs. – 16 hrs.							R.A. 16 hrs. – 20 hrs.							R.A. 20 hrs. – 24 hrs.						
	Mean R.A.	Mean N.P.D.	Stone – 1850.					Mean R.A.	Mean N.P.D.	Stone – 1850.					Mean R.A.	Mean N.P.D.	Stone – 1850.				
			R.A.	No. of ✻s.	N.P.D.	No. of ✻s.				R.A.	No. of ✻s.	N.P.D.	No. of ✻s.				R.A.	No. of ✻s.	N.P.D.	No. of ✻s.	
° °	h m	° ′	s		″			h m	° ′	s		″			h m	° ′	s		″		
90– 93	13 29	92 15	–·063	4	+·87	1		17 21	92 28	–·015	2	–·40	2		21 59	91 25	+·048	9	+·33	9	
93– 96	14 8	95 0	–·137	3	+2·34	1		17 28	95 2	–·090	3	+1·90	2		23 9	93 50	+·056	5	+1·36	5	
96– 99	13 51	97 24	–·045	6	+·48	5		17 55	98 3	–·127	6	+·57	6		22 51	97 28	+·003	9	+·10	9	
99–102	14 3	100 26	+·070	3	–·83	3		17 51	100 11	–·010	5	–·40	5		22 25	100 48	–·003	11	+·55	10	
102–105	14 10	103 19	–·107	3	+·45	4		17 57	104 39	–·085	2	–1·00	1		22 27	103 33	–·027	13	+·96	12	
105–108	13 35	106 38	–·024	5	–·05	4		17 40	106 14	+·028	4	+1·80	4		21 52	106 32	–·011	10	–·48	8	
108–111	15 38	109 37	+·018	4	+1·60	3		18 8	108 48	+·017	3	+·87	3		22 35	109 19	+·020	8	–·55	8	
111–114	14 27	113 6	–·063	23	+1·05	27		18 14	112 58	–·083	38	+·94	37		21 34	112 52	–·058	22	+·92	25	
114–117	14 50	115 22	–·112	52	+·42	59		17 54	115 16	–·080	94	+·54	100		21 15	115 42	–·039	40	+·97	43	
117–120	14 59	118 18	–·088	29	+·51	35		17 53	118 36	–·046	111	+·63	114		21 17	118 1	–·054	36	+·62	41	
120–123	14 6	121 38	–·063	12	+·02	15		17 49	121 20	–·064	101	+·63	109		22 6	121 23	–·122	20	+·95	17	
123–126	13 57	124 16	–·145	21	–·07	23		17 55	123 56	–·062	36	–·04	32		22 1	123 55	+·011	13	–·07	13	
126–129	14 28	127 35	–·227	14	+·12	18		17 48	127 21	–·125	32	+·60	32		21 59	127 39	–·059	10	+·49	11	
129–132	13 55	130 35	–·241	27	+·32	32		17 27	130 31	–·122	26	+·60	25		22 4	130 37	–·042	26	+·91	27	
132–135	14 27	133 47	–·219	27	–·23	28		17 43	133 23	–·125	37	+·06	37		21 55	133 11	–·030	28	+·74	28	
135–138	14 10	136 44	–·303	27	+1·25	27		17 54	136 27	–·161	20	+1·26	23		22 3	136 27	–·019	31	+1·20	30	
138–141	13 53	139 19	–·335	26	+·85	32		17 40	139 37	–·165	23	+1·07	26		22 16	139 14	+·007	20	+·75	20	
141–144	14 11	142 35	–·297	29	+1·14	32		17 44	142 39	–·158	22	+1·08	21		22 21	142 38	–·074	22	+1·03	25	
144–147	13 53	145 50	–·156	24	+·95	30		17 50	145 29	–·085	24	+1·32	25		21 55	145 29	+·044	25	+1·79	26	
147–150	14 40	148 51	–·164	21	+1·07	21		17 41	148 24	–·043	25	+1·26	27		22 18	148 22	+·038	22	+1·06	31	
150–153	14 20	151 20	–·082	21	+·40	29		17 43	151 27	–·001	26	+·04	28		21 51	151 37	+·012	19	+1·12	27	
153–156	14 21	154 37	–·106	10	+·55	22		17 37	154 22	–·137	20	+·94	28		22 15	154 22	–·079	19	+·73	24	
156–159	13 18	157 21	+·003	9	+·28	17		18 3	157 24	–·103	28	+·47	28		22 11	157 18	–·077	14	+·33	15	
159–162	13 22	160 26	–·024	5	+·80	7		18 18	160 37	+·021	15	+1·08	16		21 42	160 42	·000	19	+·65	26	
162–165	14 12	163 27	–·135	6	+1·43	3		18 43	163 9	+·020	6	+·31	7		22 54	163 31	+·042	6	+1·12	9	
165–168	14 33	165 54	–·280	4	+·90	3		16 22	166 6	+·660	1	+1·77	3		21 27	166 43	+·433	9	+1·54	13	
168–171	14 29	168 20	+·050	1	+1·73	3		17 44	169 47	–·167	3	+·96	5		21 54	169 36	–·022	5	+·43	11	
171–174	14 36	172 32	+·150	3	+·25	2		19 10	172 27	+·157	3	+·43	3		22 33	172 19	–·007	3	+·51	9	
174–177	12 51	174 41	+·028	4	–·60	2		16 6	176 3	–·320	1	+1·68	1								
177–180	13 24		–·180	2				17 30		–·400	1				21 40		–1·310	2			

In order that the reader may form a better estimate of the general law of systematic difference between the Catalogues, I have reduced the differences in R.A. to seconds of time at the Equator by multiplying each result by cos δ, and have then condensed the comparisons into zones of N.P.D. 12° in breadth, with results given in the following Table :—

Cape, 1880 – Cape, 1850.

Zone. N.P.D.	0 hrs. – 4 hrs.		4 hrs. – 8 hrs.		8 hrs. – 12 hrs.		12 hrs. – 16 hrs.		16 hrs. – 20 hrs.		20 hrs. – 24 hrs.		Means.	
	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.	Diff. $\Delta\alpha \cos\delta$.	No. of Stars.
° °	s		s		s		s		s		s		s	
90 – 102	+0·013	85	−0·020	71	−0·053	61	−0·045	16	−0·068	16	+0·021	34	−0·016	283
102 – 114	+0·004	37	−0·057	55	−0·043	32	−0·048	35	−0·062	47	−0·028	53	−0·041	259
114 – 126	−0·072	85	−0·119	161	−0·104	84	−0·093	114	−0·054	342	−0·046	109	−0·076	895
126 – 138	−0·075	135	−0·119	175	−0·110	124	−0·183	95	−0·097	115	−0·037	95	−0·104	739
138 – 150	−0·008	72	−0·098	123	−0·090	131	−0·148	100	−0·067	94	+0·002	89	−0·074	609
150 – 162	−0·013	89	−0·037	67	−0·030	72	−0·029	45	−0·025	89	−0·013	71	−0·024	433
162 – 180	−0·016	38	+0·009	21	−0·039	31	−0·021	20	+0·009	15	+0·037	25	−0·007	150
Means	−0·032	541	−0·087	673	−0·079	535	−0·110	425	−0·059	718	−0·019	476	−0·064	3368

X

There is here evidence of a large systematic difference between the two Catalogues in Right Ascension which has not only a strongly marked periodic character, depending on the Right Ascension, but also exhibits large variations depending on the N.P.D. The origin of these differences it is not yet possible to trace satisfactorily.

The Transit instrument was reversed many times a year, and the determination of collimation was generally made by Sir Thomas Maclear himself, and always with great care. The construction of the instrument is exceedingly good, the brass of the axis and tube is hard and substantial, and the design of the instrument resembles that of Sir James South's Transit, described by him in the Philosophical Transactions for 1823, but without the side stays or supports, which I consider an objectionable feature in that instrument.

Therefore, except for such errors as may be due to the form of the pivots, I believe that the results, as a whole, are free from collimation error in the ordinary sense. The pivots are not, as they should be, of hard steel, but apparently of bell-metal or some kind of hard gun-metal. On 1851, October 15, there is a note in the "Journal of Instrumental Adjustments" that the instrument was removed from its piers "to grind the pivots cylindrical," and I have ascertained that this process was performed more than once. The apparatus employed for the purpose seems to have been supplied by the maker, and is still preserved at the observatory. It consists of a piece of brass of about the same thickness as the length of either pivot; a hole has been accurately bored and ground through the thickness of the brass, so as exactly to admit a cylinder of the same diameter as the pivots. A saw-cut has then been made in a plane passing through the axis of the hollow cylinder, and fine opposing screws are provided for regulating the width of the saw-cut, and thus slightly changing the internal diameter of the hollow cylinder. This tool is slipped upon the pivot, and charged through the slit with a small quantity of oil mixed with the finest emery dust; it is then worked very symmetrically and carefully on both pivots; then the tool is exchanged "end for end" (to eliminate any tendency to give the pivots a conical form), and the process is repeated, both pivots receiving equal and similar attention. There is little doubt that, in good hands, the cylindrical form of the pivots can thus be very satisfactorily preserved, but I fear, even with the greatest care, that the process affords no safe means of preserving the absolute coincidence of the axis of each pivot in the common axis of rotation.

The only evidence that I can find as to the form of the pivots is as follows:—

I quote the mean results.

1852, October 6.

Illuminated Pivot, West.	Cross Bubble of Level, East. Object Glass, North.	Object Glass, South.
	p	p
Object glass, depressed -	127·58	127·15
Telescope, horizontal -	126·98	126·88
Object glass, elevated -	127·28	126·95

As one part or division of the level is = 1″, it appears that, so far as the level is a test, there is no marked sign of considerable error in the pivots.

It is for stars a little to the south of the zenith that the maximum discordance between the results from the two instruments appears to exist.

Whether this discordance may be ultimately traced to errors in one or both of the instruments, or whether the unsymmetrical situation of the instruments with relation to the wings of the building has produced lateral refraction, deflecting the azimuths of the lower clock and polar stars in opposite directions, it is not possible yet to decide. At present there is no satisfactory mode of examining the collimation of the Transit circle, except in the horizontal position, and it is a mere accident of the homogeneity of the materials and absolute symmetry of construction in that instrument if the same collimation is preserved at all altitudes.

The Right Ascensions of the Cape Catalogue for 1840 (determined with the same Transit as those of the Cape 1850 Catalogue) have been compared with the Greenwich Catalogue for 1840 (*Viert. der Ast. Gesellschaft*, 15. Jahrgang, p. 309), and those of the Cape 1860 Catalogue with the Greenwich Catalogue for 1860 are compared by Wagner at pp. 198–199, 10. Jahrgang, of the same publication.

These comparisons, placed side by side, are the following:—

1840.		1860.	
	Gr.—Cape.		Gr.—Cape.
N.P.D.	sec	N.P.D.	sec
55°	+ 0·055	50° — 60°	+ 0·055
65	+ 106	60 — 70	+ ·033
75	+ ·115	70 — 80	+ ·009
85	+ ·104	80 — 90	+ ·005
95	+ ·092	90 — 100	+ ·005
105	+ ·103	100 — 110	— ·004
115	+ ·097	110 — 120	— ·016
120	+ ·052	120 — 130	— ·068

There is here a decidedly more marked difference depending upon N.P.D. between the Cape results for 1860 (when non-reversible instruments were employed) than in the 1840 Catalogues, when reversible Transits were employed at both observatories.

Whether the systematic discordances between the Right Ascensions of the Cape Catalogue for 1850 and that for 1880 are to be traced to the non-reversible character of the Cape Transit Circle is an important question, upon which it would now be rash to express a decided opinion.

It is true that the considerable difference between the epochs of the Catalogues (about 25 years) is very unfavourable to an accurate comparison; at the same time it is improbable, from the large number of stars upon which the comparison rests, that a large systematic difference would be thus created. It is my intention to carry out a systematic comparison between the Cape Catalogues of 1850 and 1860, with a view to the further study of the point in question. Additional light will also be thrown on the point by comparison of the places of a large number of stars which have recently been observed here and at the principal European observatories; and I also propose to observe a series of stars nearly simultaneously both with the Transit Instrument and the Transit Circle. Much interest will also attach to a comparison of Mr. Stone's extensive Catalogue with the Great Cordoba Catalogue, now nearly completed, in the observations for which Dr. Gould has employed a reversible Transit Circle.

But it is essential for any really fundamental investigation of the errors of the results of the Cape Transit Circle that some such plan

as that which I proposed in 1879 should be carried out, by which well-mounted Collimators could be fixed at any one of variously distributed Altitudes to permit the determination of the law of collimation for all Zenith Distances.

When all this has been done, there still remains a possibility that lateral refraction may be created by the non-symmetrical position of the wings of the building with respect to the instruments (for a plan of the Observatory, see Mem. R.A.S., Vol. XIX.); and it is a question worthy of serious consideration whether it would not be better to erect a Meridian reversible instrument of 4 or 5 inches aperture in a detached building, where the outer and inner temperature could be more perfectly equalised, and where the results would be free from the suspicion of lateral disturbance. Such an instrument should be employed exclusively in fundamental determinations. For the purpose of differential observations it would be difficult to design or construct a better instrument than the Cape Transit Circle.

The comparison of the Cape Catalogues for 1880 and 1850 in N.P.D., arranged in similar form with that of the Right Ascensions, is as follows:—

NORTH POLAR DISTANCES.

CAPE, 1880 – CAPE, 1850.

Zone. N.P.D.	0 hrs.–4 hrs.		4 hrs.–8 hrs.		8 hrs.–12 hrs.		12 hrs.–16 hrs.		16 hrs.–20 hrs.		20 hrs.–24 hrs.		Means.	
	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.	Δ N.P.D.	No. of ✻s.
° °	″		″		″		″		″		″		″	
90–102	+0·33	81	+0·59	74	+0·76	68	+0·31	10	+0·29	15	+0·49	33	+0·52	281
102–114	−0·05	36	+0·20	66	+0·52	35	+0·91	38	+0·97	45	+0·50	53	+0·49	273
114–126	+0·36	85	+0·13	160	−0·01	91	+0·31	132	+0·54	355	+0·72	114	+0·39	937
126–138	+0·27	130	−0·27	173	−0·07	135	+0·38	105	+0·56	117	+0·90	96	+0·22	756
138–150	+0·34	67	+0·23	113	+0·39	170	+1·00	115	+1·19	99	+1·18	102	+0·87	535
150–162	+0·14	71	−0·06	41	+0·09	106	+0·45	75	+0·58	100	+0·76	92	+0·37	485
162–180	+0·95	21	+0·89	8	+0·53	34	+0 88	13	+0·80	19	+0·94	42	+0·81	137
Means	+0·29	491	+0·10	635	+0·30	508	+0·57	488	+0·66	750	+0·83	532	+0·46	3404

The agreement on the whole is not unsatisfactory if we consider the difference of epochs of the two Catalogues, and the very imperfect data at disposal for determining the errors of division of the Mural Circle.

It appears that practically a uniform correction of

$$+ 0''{\cdot}46$$

may be accepted within the limits of error of most of the separate N.P.D.s as the correction of the North Polar Distances of the Cape Catalogue for 1850 to those of the Cape Catalogue for 1880.

With regard to the Catalogue as a whole, the observations in Right Ascension have in very many cases been made without skill and without good judgment; an immense amount of work was attempted; but, whether from frequent over-fatigue or other causes, the work of one observer had to be entirely rejected, and that of another, who is responsible for many of the Right Ascensions, is sometimes perplexingly wild and inexplicable. The most painstaking efforts to account for his observations by errors of "count" or otherwise have signally failed to reconcile his observations of separate wires with the mean, or the mean of the wires with other observations of the same star. This occurs generally during a large number of successive transits on the same night, whilst on other nights a large number of stars are observed without any adequate determination of instrumental error, and I have been obliged to reject the whole of the observations made on the nights in question.

On nights when the Transit observations were made by Sir Thos. Maclear or Mr. Mann, or even by Mr. George Maclear (who was then a comparatively inexperienced observer), the work is of a much higher character. This proves that the faults lay with the other observers, who indeed appear to have been unfitted for the pursuit of practical astronomy.

The observations with the Mural Circle were generally made by Sir Thomas Maclear or Mr. Mann, and are excellent, considering that only two microscopes were used. There are also a good many observations by C. in 1850–51 with the Mural Circle; his work with that instrument seems better than with the Transit. As a whole, the Declinations of the Catalogue must be considered superior to the Right Ascensions.

When I assumed direction of the Observatory in June 1879, I found that about half of the computations to mean place had been made under the direction of Mr. Stone. It was a comparatively small matter to complete this part of the work: it has been the

final revision, the comparison with other Catalogues, and the scrutiny of doubtful observations, that have cost most in time and patience.

I now commit the work to press, not with the feeling that it is a satisfactory one, but with the consciousness that I have done my utmost to utilize the observations on which it is founded, and to eliminate the errors that existed in the work.

DAVID GILL.

Royal Observatory,
Cape of Good Hope.
1883. December.

POSTSCRIPT.

Since the above Introduction was written, I have had the following comparison made between the Greenwich and Cape Catalogues for 1850.

The results show that from N.P.D. 90° to 126° there is practically no systematic difference in the Right Ascensions of the two Catalogues depending on Declination.

So far as comparison over so limited a range of N.P.D. may be accepted as evidence, it appears that the results of the Dollond Transit Instrument, contained in the present Catalogue, may be accepted with considerable confidence. But at the same time it raises the very important question as to what is the cause of the discordance between the Cape Catalogues for 1850 and 1880, and points, as probable sources of the difference in question, to variation in the plane of collimation in the Cape Transit Circle at different altitudes, or less probably to lateral refraction from the unsymmetrical arrangement of the neighbouring masonry of the building.

D. G.

COMPARISON BETWEEN THE RIGHT ASCENSIONS OF THE GREENWICH AND CAPE CATALOGUES FOR 1850.

GREENWICH, 1850 – CAPE, 1850.

Zone. N.P.D.	0 hrs. – 4 hrs.				4 hrs. – 8 hrs.				8 hrs. – 12 hrs.			
	R.A.	N.P.D.	Diff.	No. of *s.	R.A.	N.P.D.	Diff.	No. of *s.	R.A.	N.P.D.	Diff.	No. of *s.
° °	h m	° ′	s		h m	° ′	s		h m	° ′	s	
90–102	2 0	95 38	+·013	24	5 6	95 46	+·028	21	9 56	94 8	−·026	5
102–114	2 48	108 11	−·019	8	6 2	108 28	−·011	15	10 38	107 54	+·066	8
114–126	1 38	118 59	+·021	12	6 20	121 20	−·025	17	10 2	123 32	+·146	5

Zone. N.P.D.	12 hrs. – 16 hrs.				16 hrs. – 20 hrs.				20 hrs. – 24 hrs.				Mean.
	R.A.	N.P.D.	Diff.	No. of *s.	R.A.	N.P.D.	Diff.	No. of *s.	R.A.	N.P.D.	Diff.	No. of *s.	
° °	h m	° ′	s		h m	° ′	s		h m	° ′	s		s
90–102	13 58	96 46	+·033	19	17 54	95 24	−·021	10	22 18	96 50	−·018	26	+·007
102–114	14 41	107 17	−·001	28	17 57	109 23	−·002	32	21 28	106 37	−·040	27	−·008
114–126	14 6	120 31	−·037	15	18 7	118 59	−·037	27	21 52	120 33	−·028	17	−·016

(GREENWICH, 1850 – CAPE, 1850) × cos δ.

Zone. N.P.D.	0 hrs.–4 hrs.		4 hrs.–8 hrs.		8 hrs.–12 hrs.		12 hrs.–16 hrs.		16 hrs.–20 hrs.		20 hrs.–24 hrs.		Mean.	
	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.	Diff. × cos δ.	No. of *s.
° °	s		s		s		s		s		s		s	
90–102	+0·013	24	+0·028	21	−0·026	5	+0·033	19	−0·021	10	−0·018	26	+0·007	105
102–114	−0·018	8	−0·010	15	+0·063	8	−0·001	28	−0·002	32	−0·038	27	−0·008	118
114–126	+0·018	12	−0·021	17	+0·117	5	−0·031	15	−0·032	27	−0·024	17	−0·014	93
Mean	+0·009	44	+0·002	53	+0·053	18	+0·002	62	−0·017	69	−0·027	70	−0·005	316

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GENERAL CATALOGUE

OF

STARS

FOR

1850, January 1.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1	1	7	4 Ceti - - - -	0 0 2·95	52·69	2	+3·071	
2	2	6·5	Piazzi XXIII–279 -	0 0 25·57	52·78	2	+3·069	−0·19
3	3	7	5 Ceti - - - -	0 0 31·23	51·82	2	+3·072	+0·06
4	4	2	21 Andromedæ - - α	0 0 38·53	52·78	9	+3·073	+0·03
5	5	7	Piazzi XXIII–282 -	0 1 2·00	52·81	2	+3·070	
6	9	6·5	Taylor 4 - - -	0 1 27·00	52·81	2	+3·059	+0·07
7	10	6·5	Piazzi XXIII–285 -	0 1 41·86	52·81	2	+3·066	+0·09
8	11	4	Phœnicis - - ϵ	0 1 47·14	52·81	2	+3·060	−0·11
9	12	6	Piazzi XXIII–286 -	0 2 14·30	52·60	2	+3·070	
10	15	6	Toucani - - -	0 2 21·28	52·85	2	+3·045	−0·17
11	17	7·6	Piazzi O–1 - - -	0 2 38·03	51·90	2	+3·069	+0·09
12	19	5·6	Octantis - - γ^3	0 3 7·39	51·82	3	+2·922	−0·15
13	20	6·5	Cape 1840 Cat., No. 6 -	0 3 13·96	52·86	2	+3·006	+0·44
14	21	6	6 Ceti - - - -	0 3 37·41	52·62	2	+3·066	+0·25
15	23	6	Piazzi O–6 - - -	0 3 56·98	52·78	2	+3·058	−0·10
16	24	5·6	Sculptoris - - θ	0 4 6·08	52·79	2	+3·054	+0·10
17	25	6·7	Taylor 19 - - -	0 4 22·86	51·87	2	+3·047	−0·29
18	26	4	88 Pegasi - - γ	0 5 31·02	52·73	13	+3·079	−0·07
19	27	7·6	Piazzi O–11 - - -	0 5 39·52	52·35	2	+3·044	−0·14
20	30	6·7	Taylor 26 - - -	0 6 24·05	52·80	2	+3·011	+0·23
21	31	6	Cape 1840 Cat., No. 9 -	0 6 47·32	52·82	2	+3·012	−0·19
22	33	5·6	7 Ceti - - - -	0 7 1·00	52·72	2	+3·056	−0·01
23	34	6·7	Phœnicis - - -	0 7 12·61	52·81	2	+3·026	+0·02
24	35	6	B.F. 3310 - - -	0 7 15·13	52·32	2	+3·063	−0·17
25	37	6	Piazzi O–20 - - -	0 7 23·40	52·81	2	+3·040	+0·09
26	38	7	Rumker 6 - - -	0 7 42·41	52·84	2	+3·032	+0·03
27	41	7	Rumker 7 - - -	0 7 57·64	52·79	1	+3·030	−0·01
28	43	6	Piazzi O–23 - - -	0 8 33·35	51·90	2	+3·040	−0·08
29	45	6·7	Octantis - - -	0 8 58·83	50·92	1	+2·849	+0·47
30	49	6·7	Taylor 42 - - -	0 9 8·79	51·90	2	+3·035	−0·12
31	50	7·6	Toucani - - -	0 9 15·42	52·34	2	+2·912	−0·04
32	56	6·7	Cape 1840 Cat., No. 12 -	0 10 6·02	52·24	2	+2·750	+0·15
33	59	6·7	Taylor 53 - - -	0 10 46·88	51·92	2	+3·023	−0·21
34	61	6·7	Piazzi O–40 - - -	0 11 13·62	51·89	2	+3·008	−0·18
35	62	3·4	8 Ceti - - - - ι	0 11 47·01	51·85	2	+3·059	+0·12
36	64	4	Toucani - - ζ	0 12 13·12	50·92	1	+2·913	+0·22
37	69	6·7	Taylor 64 - -	0 13 25				
38	70	5·4	Toucani - - π	0 13 39·69	51·91	2	+2·846	−0·19
39	71	6·7	Octantis - - o	0 13 49·37	52·47	14	−2·671	−0·94
40	72	5	Sculptoris - - ι	0 13 58·58	51·90	2	+3·024	−0·11
41	74	6	Cape 1840 Cat., No. 18 -	0 15 1·68	51·90	2	+2·650	−0·51
42	75	7·6	9 Ceti - - - -	0 15 10·43	52·32	2	+3·050	+0·81*
43	76	6·7	Rumker 11 - - -	0 15 21·94	52·64	2	+2·903	+0·60
44	77	6·7	Piazzi O–57 - - -	0 15 41·80	52·60	2	+3·014	−0·24
45	81	6·7	Piazzi O–60 - - -	0 16 49·88	51·90	2	+3·066	−0·10

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1	93 23 1·91	50·69	2	−20·06							
2	124 21 52·98	51·16	2	−20·06	−0·08	9735	7383				15
3	93 16 59·04	50·54	1	−20·06	−2·00						16
4	61 44						7384				19
5	93 3 27·20	50·59	1	−20·06							
6	144 50 15·85	50·67	1	−20·06	+0·53	9740	1				25
7	118 49 21·43	51·25	2	−20·06	+1·59	9741	2				26
8	136 34 29·47	51·24	2	−20·06	+0·79	9742	3	2	1		27
9	93 23 42·93	50·84	1	−20·05							
10	153 7 58·22	50·61	2	−20·05	−0·79	9749					31
11	96 4 56·29	50·85	1	−20·05	+0·38						33
12	173 3 29·25	50·55	2	−20·05	+0·62	9756	5		2	8	37
13	164 3 35·86	51·30	3	−20·05	+0·55	9755	6				40
14	106 17 31·01	51·18	2	−20·05	−0·86						41
15	118 38 7·38	51·22	2	−20·05	+0·06	9758	7				43
16	125 58 22·68	51·18	2	−20·05	−2·36	9760	8				45
17	133 0 18·75	50·61	3	−20·05	+0·93	9761	9				46
18	75 39						11			144	56
19	128 39 26·13	51·20	2	−20·05	+0·36	6	12				60
20	147 50 10·05	51·07	2	−20·05	−0·53	11	14				65
21	145 54 9·31	51·20	3	−20·05	+1·82	13	15				67
22	109 45 51·46	50·56	1	−20·05	+1·86						70
23	136 52 5·73	51·12	2	−20·05	+1·10	16	16				71
24	100 24 12·53	51·25	2	−20·05	+0·49						73
25	125 44 17·31	50·60	2	−20·04	+0·43	18	17				75
26	130 55 47·73	51·24	2	−20·04	+1·09	19					76
27	131 17 9·52	51·13	2	−20·04	+0·52	20					77
28	122 16 45·77	51·15	2	−20·04	+1·61	22	19				79
29	166 44 43·74	50·63	2	−20·04	+2·80	30	20				82
30	123 31 18·38	51·29	3	−20·04	−0·27	27	21				86
31	161 13 36·84	50·55	2	−20·04	+0·40	32	22				87
32	169 36 46·97	50·75	2	−20·04	+1·13	33	23				92
33	127 20 37·34	51·17	2	−20·03	+0·91	34	24				94
34	134 4 9·82	51·17	2	−20·03	−0·69	38	25				99
35	99 39 20·23	50·57	1	−20·03	+0·93			3	3		101
36	155 45 22·10	50·63	2	−20·03	+1·10	40	26		4		107
37	130 4 17·90	50·52	1	−20·02	+0·43	50	27				112
38	160 27 28·38	50·65	2	−20·02	+0·42	53	29				114
39	179 11 49·68	50·53	1	−20·02	−0·48	260	32		5	2	100
40	119 48 41·38	51·08	2	−20·02	+2·47	54	31				118
41	168 15 35·23	50·56	1	−20·01	−1·10	64	33				123
42	103 2 41·20	51·09	2	−20·01	−2·95*						125
43	151 52 4·12	51·14	2	−20·01	−0·46	63					127
44	121 52 4·44	51·04	2	−20·01	+1·85	65	34				130
45	93 2 56·71	50·80	2	−20·00	+2·75			4			139

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
46	84	6·7	Taylor 82	0 17 18·40	52·75	2	+2·942	+1·27*
47	88	3	Hydri β	0 17 47·07	51·46	48	+2·580	−0·18
48	93	4	Phœnicis κ	0 18 48·76	52·79	2	+2·963	+0·39
49	94	2	Phœnicis α	0 18 51·55	51·90	2	+2·968	−0·28
50	95	6·7	10 Ceti	0 18 55·91	51·74	4	+3·069	+0·07
51	96	7	Piazzi O–72	0 19 26·30	52·22	3	+3·059	+0·03
52	103	5	Piazzi O–79	0 20 29·14	52·29	2	+2·991	−0·39
53	104	6	Piazzi O–81	0 21 2·11	51·89	2	+2·965	+0·15
54	106	6	Taylor 103	0 21 26·69	52·75	2	+2·914	+0·39
55	107	7	Piazzi O–83	0 21 49·53	52·32	2	+3·061	
56	108	6·7	Piazzi O–84	0 22 1·61	52·35	2	+2·957	−0·09
57	110	7	11 Ceti	0 22 13·51	52·24	2	+3·066	+0·18
58	111	6·7	Piazzi O–88	0 22 15·73	51·89	2	+3·035	+0·06
59	112	6	12 Ceti	0 22 23·10	52·10	3	+3·060	−0·05
60	115	6	Piazzi O–91	0 22 52·38	52·66	2	+3·010	−0·13
61	118	6·7	Taylor 119	0 23 7·41	52·80	2	+2·956	−0·15
62	117	5·6	Piazzi O–94	0 23 7·49	52·80	2	+2·950	−0·13
63	119	6	Taylor 120	0 23 9·81	51·83	2	+2·915	+0·21
64	124	5	Phœnicis λ	0 24 9·97	52·75	2	+2·905	+0·34
65	127	4	Toucani β^1	0 24 38·67	52·11	3	+2·780	+0·16
66	128	4	Toucani β^2	0 24 39·33	52·33	2	+2·780	+0·19
67	132	8	Piazzi O–107	0 25 48·76	51·92	2	+3·067	
68	134	5	Toucani β^3	0 25 52·05	51·88	1	+2·764	+0·33
69	135	6·5	Piazzi O–109	0 26 15·57	51·65	2	+2·981	−0·22
70	136	7·6	Piazzi O–111	0 26 22·35	52·10	2	+2·960	−0·27
71	138	7·6	Piazzi O–113	0 26 50·36	52·30	2	+3·056	+0·16
72	140	5·6	Cape 1840 Cat., No. 36	0 26 59·44	52·79	1	+2·585	+0·44
73	141	7·6	Taylor 145	0 27 2·28	51·90	2	+2·923	−0·10
74	143	5	Taylor 148	0 27 18·62	52·79	2	+2·858	−0·18
75	144	7	Taylor 149	0 27 20				
76	145	6	13 Ceti	0 27 31·72	51·75	5	+3·059	+0·25
77	147	6·7	14 Ceti	0 27 50·84	52·21	2	+3·067	+0·23
78	150	5·6	Taylor 157	0 28 31·05	52·75	2	+2·881	+0·03
79	151	5·6	Taylor 160	0 28 32·26	52·34	2	+2·828	+0·05
80	157	7·6	Cape 1840 Cat., No. 42	0 29 7·75	51·22	2	+2·770	+0·28
81	160	6	Piazzi O–130	0 29 38·14	50·92	2	+2·988	−0·06
82	162	6	Taylor 169	0 30 18·06	51·65	2	+2·817	+0·01
83	163	7·6	15 Ceti	0 30 24·54	51·90	2	+3·067	−0·17
84	171	6	Taylor 181	0 32 42·20	51·85	2	+2·877	−0·04
85	172	6·7	Cape 1840 Cat., No. 47	0 32 46·12	52·82	1	+2·409	−0·63
86		9	W.B. O–563	0 33 0				
87	174	6	Piazzi O–146	0 33 4·25	52·19	2	+3·054	−0·09
88	176	5	Cape 1840 Cat., No 48	0 33 22·35	50·92	1	+2·731	+0·21
89	179	6·7	Taylor 189	0 33 41·88	52·72	2	+2·899	+0·14
90	183	4	Phœnicis μ	0 34 13·70	51·93	2	+2·858	−0·42

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86. The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
46	141 51 54·12	51·40	4	−20·00	+8·39*	75	35				142
47	168 5					74	40	5	6	14	146
48	134 30 46·08	51·25	2	−19·99	−1·83	89	43		7		153
49	133 7 16·28	51·44	4	−19·99	+0·68	87	44	6	8	59	155
50	90 52										156
51	95 50 2·02	50·75	1	−19·98	+0·70						157
52	123 50 11·76	50·55	1	−19·98	−1·12	94	45				163
53	130 44 38·19	51·17	2	−19·97	+0·86	99	46				168
54	141 21 46·46	51·13	2	−19·97	+0·72	101	49				170
55	94 18										
56	131 29 43·21	51·33	3	−19·96	−0·72	104	52				173
57	91 56 40·82	50·62	1	−19·96	−1·25						175
58	105 41 34·63	51·14	2	−19·96	−1·18						176
59	94 47 11·41	51·47	3	−19·96	+1·23			7			178
60	114 37 4·96	51·30	3	−19·96	−0·57	106					179
61	130 20 42·03	51·72	1	−19·95	+2·31	108	55				182
62	131 46 11·97	51·04	2	−19·95	+0·32	109					181
63	139 2					110	56				183
64	139 38 1·37	51·28	3	−19·94	−0·04	115	57	8	9		187
65	153 47 6·33	50·53	2	−19·94	+1·16	119	58	9	10		190
66	153 47 33·56	50·53	2	−19·94	+0·78	120	59		11		191
67	91 26 9·30	50·58	1	−19·93							
68	153 51 28·40	50·53	2	−19·93	+1·82	123	61		12		194
69	120 23 7·55	51·04	2	−19·92	+1·05	125	62				197
70	125 48 31·91	51·14	2	−19·92	+0·98	127	63				199
71	95 22 27·78	50·57	1	−19·92	+1·36						206
72	162 5 37·65	50·70	4	−19·92	−0·42	139	66				205
73	133 15 36·44	51·16	2	−19·92	−0·96	133	65				209
74	143 12 7·91	51·07	2	−19·91	−0·42	137	67				211
75	128 49 31·10	50·64	1	−19·91	−5·18*	136	68				212
76	94 25 8·65	51·44	3	−19·91	+0·47						213
77	91 19 49·67	50·71	2	−19·91	+0·46			11			215
78	138 49 25·51	51·37	3	−19·90	+3·78	143	69				219
79	145 38 48·48	51·24	2	−19·90	+2·24	144	70				218
80	150 32					146	71				222
81	115 35					147	72				225
82	145 13 11·45	51·31	3	−19·88	+0·64	152	77				230
83	91 19 45·21	50·75	1	−19·88	+0·21						231
84	135 37 18·46	51·03	2	−19·85	−0·61	166	79				247
85	163 57 47·43	50·64	2	−19·85	+0·64	173	80				244
86	95 10 13·33	50·64	1	−19·85							
87	95 10 35·06	50·64	1	−19·85	−1·84						251
88	150 17					172	81				253
89	131 21 21·54	51·17	2	−19·84	−2·32	174	82				255
90	136 54 32·10	51·25	3	−19·83	+0·37	177	84		13		258

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				h m s			s	s
91	185	7·6	Piazzi O–152 - -	0 34 40·01	51·91	2	+3·026	+0·13
92	187	6·7	Piazzi O–153 - -	0 34 47·78	52·79	2	+2·876	−0·02
93	188	5·6	Phœnicis - - ξ	0 34 54·92	52·79	2	+2·755	+0·36
94	190	7	Piazzi O–155 - -	0 35 12·25	52·81	2	+2·992	+0·24
95	191	7·6	Piazzi O–157 - -	0 35 22·77	52·82	2	+3·054	+0·20
96	192	5·6	Sculptoris - - λ^1	0 35 29·52	52·82	2	+2·902	−0·21
97	193	6	Toucani - - -	0 35 56·65	50·92	1	+2·694	+0·79
98	195	5·4	Toucani - - ρ	0 36 2·58	51·29	4	+2·595	+0·17
99	196	2	16 Ceti - - - β	0 36 3·46	52·19	31	+3·000	+0·03
100	199	5	Phœnicis - - η	0 36 35·66	51·74	2	+2·727	+0·11
101	200	5	17 Ceti - - ϕ^1	0 36 37·39	51·87	2	+3·028	−0·03
102	202	5·6	Sculptoris - - λ^2	0 36 56·52	52·81	2	+2·895	+0·44
103	203	6·5	Piazzi O–166 - -	0 37 18·83	52·36	2	+2·979	−0·12
104	204	7	Piazzi O–167 - -	0 37 27·47	52·80	2	+3·069	+0·49
105	205	7·6	Piazzi O–171 - -	0 37 46·17	51·92	2	+3·050	−0·10
106	207	5·6	Piazzi O–173 - -	0 37 50·91	52·79	2	+2·862	−0·26
107	208	6	18 Ceti - - - -	0 37 56·72	52·35	2	+3·017	−0·17
108	209	6·5	Taylor 217 - - -	0 38 5·32	52·84	2	+2·760	+0·44
109	210	7	Taylor 221 - - -	0 38 20·53	52·83	2	+2·808	+0·25
110	212	6	Taylor 223 - - -	0 38 42·73	52·20	2	+2·818	+0·26
111	222	4·5	63 Piscium - - δ	0 40 54·30	51·85	2	+3·099	−0·10
112	230	6	Piazzi O–198 - -	0 41 53·40	51·67	3	+3·009	+0·13
113	231	6	Taylor 245 - - -	0 41 58·54	51·89	2	+2·805	−0·22
114	233	6·5	19 Ceti - - - ϕ^2	0 42 36·77	51·87	2	+3·021	−0·34*
115	234	6	Piazzi O–205 - -	0 43 1·47	51·90	2	+2·828	+0·02
116	236	5·6	Hydri - - - λ	0 43 22·24	51·93	2	+2·082	+0·43
117	238	5	Phœnicis - - ρ	0 43 50·78	52·83	1	+2·748	+0·07
118	241	6·7	Cape 1840 Cat., No. 67 -	0 45 17·21	52·84	1	+2·265	−0·26
119	242	5	20 Ceti - - - -	0 45 20·64	52·09	9	+3·062	−0·01
120	246	6·5	Cape 1840 Cat., No. 68 -	0 46 40·87	50·93	1	+2·315	+0·17
121	248	7	21 Ceti - - - -	0 46 43·51	51·88	1	+3·025	+0·08
122	249	7	Taylor 271 - - -	0 46 50·93	51·90	2	+2·894	−0·09
123	251	6	Toucani - - λ^1	0 47 22·53	51·69	2	+2·516	+0·03
124	257	6	Piazzi O–230 - -	0 48 7·59	51·70	2	+3·031	+0·02
125	260	6	22 Ceti - - - ϕ^3	0 48 30·23	51·78	2	+3·011	−0·06
126	265	6·7	Taylor 288 - - -	0 49 13·50	51·89	2	+2·679	+0·02
127	266	5	Toucani - - λ^2	0 49 23·27	52·21	2	+2·271	−0·19
128	268	6·7	Toucani - - -	0 50 0·57	52·78	1	+1·982	+0·87
129	271	6	23 Ceti - - - ϕ^4	0 51 13·19	51·89	2	+3·007	−0·15
130	272	5	Sculptoris - - α	0 51 22·63	51·90	2	+2·898	−0·41
131	275	6·7	Cape 1840 Cat., No. 74 -	0 52 3·62	51·92	2	+2·348	−0·24
132	276	5·6	Cape 1840 Cat., No. 75 -	0 52 7·15	51·72	2	+2·517	−0·10
133	277	7	Rumker 36 - - -	0 52 18				
134	279	7	Taylor 310 - - -	0 53 57·97	52·09	2	+2·577	−0·40
135	284	7·6	Taylor 314 - - -	0 54 34·18	51·91	2	+2·815	−0·22

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OF THE UNIVERSITY OF CALIFORNIA

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′			″	″						
91	102 37 38·09	51·18	2	−19·83	+ 1·62						260
92	133 56 54·92	51·18	2	−19·82	− 1·15	178	86				261
93	147 19 38·30	51·15	2	−19·82	− 1·01	180	87				262
94	111 0 59·91	51·37	3	−19·82	− 0·25						267
95	94 40 45·74	50·74	1	−19·82	− 0·11						270
96	129 17 10·73	51·29	3	−19·82	+ 0·47	183	89				271
97	151 5 1·84	50·93	3	−19·81	+ 1·45	186					274
98	156 17					188					275
99	108 48							13	14	95	277
100	148 17 10·93	51·17	2	−19·80	− 0·53	190	92		16		280
101	101 25 37·45	50·74	1	−19·80	+ 0·63				15		282
102	129 14 56·26	51·22	2	−19·80	− 3·25	192	93				283
103	112 49 53·59	51·26	2	−19·79	− 2·37	193					286
104	90 34										291
105	95 27 7·78	51·23	2	−19·78	− 0·40						294
106	133 29 38·89	51·21	2	−19·78	+ 3·12	200	96				293
107	103 41 37·38	51·23	2	−19·78	+ 0·18						295
108	144 32 10·54	51·19	2	−19·78	+ 2·24	201	97				296
109	139 39 29·60	50·69	2	−19·78	+ 0·75	202	99				299
110	138 22 35·60	51·11	2	−19·77	− 1·94	207	100				305
111	83 13							14			318
112	104 22 34·05	51·13	2	−19·72	+ 1·72						324
113	137 31 1·73	51·07	2	−19·72	+ 0·85	226	106				323
114	101 27 12·02	50·53	1	−19·71	+ 5·98*						328
115	134 12 50·41	51·27	3	−19·70	− 1·22	231	107				331
116	165 44 27·05	50·63	2	−19·70	+ 1·50	235	108				330
117	141 48 22·82	51·05	2	−19·69	− 0·94	233	109				335
118	161 58					244	112				340
119	91 57 35·00	50·57	1	−19·66	+ 1·01			15	17		343
120	160 19					250	114				348
121	99 33										352
122	123 8 58·93	51·19	2	−19·64	+ 1·05	245	117				353
123	153 41 10·99	51·36	3	−19·63	+ 0·97	253	118				354
12	98 9 30·70	50·52	1	−19·61	+ 4·60						360
125	102 4 46·93	50·64	1	−19·61	+ 0·57						364
126	144 0 14·50	51·27	3	−19·59	+ 0·64	259	121				367
127	160 20 20·17	51·34	3	−19·59	+ 1·58	262	122				366
128	165 7					267	123				
129	102 11 26·33	50·52	1	−19·56	+ 0·96						376
130	120 10 8·57	51·27	3	−19·55	+ 0·36	266	125	16	18		378
131	157 22 19·40	51·10	3	−19·54	− 0·90	272	128				379
132	151 30 30·20	50·71	2	−19·54	− 0·38	271	127				380
133	125 26 51·78	50·72	3	−19·54	− 0·46	269					384
134	147 44 20·04	51·07	2	−19·50	+ 1·31	279	130				389
135	129 1 11·10	51·69	1	−19·49	+ 2·86	280	132				394

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
136	287	6	Rumker 39	0 55 8·92	51·69	1	+2·480	−0·29
137	288	4	71 Piscium ϵ	0 55 9·68	52·02	3	+3·110	−0·06
138	289	6·5	Sculptoris σ	0 55 16·41	51·90	2	+2·868	−0·05
139	291	6·5	25 Ceti	0 55 27·37	51·83	2	+3·039	−0·21
140	292	5·6	Phœnicis ω	0 55 40·62	51·65	2	+2·560	−0·20
141	294	5·6	Cape 1840 Cat., No. 79	0 56 3·14	51·64	1	+2·721	−0·20
142	296	7·6	Taylor 324	0 56 7·65	52·60	2	+2·881	−0·35
143	301	5·6	Cape 1840 Cat., No. 80	0 56 57·60	51·92	2	+2·323	−0·12
144	304	7	Toucani	0 57 11·19	50·92	1	+2·478	−0·24
145		7	Toucani	0 57 12·09	50·92	1	+2·479	−0·61
146	306	6·7	Rumker 42	0 57 27				
147	309	6	Rumker 43	0 57 41·43	50·93	1	+2·691	+0·12
148	313	6	27 Ceti	0 58 6·05	51·89	2	+3·007	−0·15
149	315	6	28 Ceti	0 58 33·42	51·92	2	+3·007	+0·27
150		8	W. B. O–1045	0 58 55·38	51·81	1	+3·008	
151	317	3	Phœnicis β	0 59 22·88	52·09	2	+2·697	−0·46
152	319	7·6	Taylor 346	0 59 24·39	51·91	2	+2·818	+0·06
153	323	6	30 Ceti	1 0 13·77	51·86	2	+3·006	+0·20
154	326	7·8	Rumker 45	1 0 35				
155	328	5·6	80 Piscium e	1 0 38·67	51·94	4	+3·101	+0·14
156	329	7	Taylor 357	1 0 38·98	51·82	2	+2·750	−0·15
157	331	5·6	Phœnicis υ	1 0 56·45	51·66	3	+2·752	−0·18
158	332	4	31 Ceti η	1 1 2·72	51·95	2	+3·002	+0·25
159	333	5	Toucani ι	1 1 21·47	51·95	2	+2·391	+0·20
160	340	4	Phœnicis ζ	1 2 4·09	52·31	2	+2·540	+0·05
161	342	6	32 Ceti	1 2 40·34	51·91	2	+3·009	+0·20
162	344	6	33 Ceti	1 2 50·72	51·85	2	+3·081	
163	347	6	Taylor 378	1 3 7·20	51·83	2	+2·503	−0·01
164	353	6	Taylor 385	1 3 59·53	52·09	2	+2·470	−0·14
165	355	7·8	Rumker 50	1 4 5				
166	354	6·7	Taylor 386	1 4 5·66	52·20	2	+2·488	−0·23
167	356	6·5	34 Ceti	1 4 5·92	51·70	2	+3·051	−0·11
168	361	7	36 Ceti	1 5 14·71	51·77	2	+3·021	+0·01
169	362	6·7	Taylor 391	1 5 17·65	51·95	2	+2·840	+0·20
170	364	6	Rumker 52	1 5 35·19	52·14	2	+1·776	+0·08
171	366	7·6	Piazzi I–18	1 5 48·38	52·73	2	+2·795	+0·05
172	367	6·5	Piazzi I–20	1 5 50·54	52·20	2	+2·768	−0·10
173	371	7	B. F. 145	1 6 23·56	51·95	2	+3·014	−0·37
174	372	6	37 Ceti	1 6 50·66	51·87	2	+3·012	+0·22
175	374	6	38 Ceti	1 7 9·82	51·91	2	+3·059	−0·10
176	375	8	B. F. 149	1 7 29·97	51·81	2	+2·955	
177	380	5·4	Phœnicis ν	1 8 24·50	51·73	2	+2·659	−0·10
178	381	7	Rumker 53	1 8 33·83	50·94	1	+1·881	+0·29
179	383	7	Rumker 54	1 8 51·30	51·90	2	+2·475	0·00
180	384	6	39 Ceti	1 8 59·45	51·79	2	+3·048	

An asterisk * in the column "Cape, 1880, *minus*, Cape 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

150. The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
136	151 40					285	134				397
137	82 55										400
138	122 21 38·26	51·17	2	−19·47	+ 0·48	282	133				399
139	95 38 23·44	50·64	1	−19·47	+ 3·35						404
140	147 48 39·47	51·29	3	−19·47	+ 0·67	288	136				402
141	137 12 18·67	50·71	3	−19·46	− 0·24	289	137				407
142	120 19 54·60	51·70	1	−19·46	+ 0·36	287	138				409
143	156 15 47·58	51·18	2	−19·44	+ 0·54	298	141				412
144	150 54 2·18	50·66	3	−19·43	+ 0·37	297					414
145	150 54 5·36	50·82	2	−19·43	+ 1·47						415
146	124 20 17·72	51·21	2	−19·43	+ 0·07	296					418
147	138 44 47·91	51·00	3	−19·42	+ 0·36						419
148	100 46 59·11	50·60	1	−19·41	+ 0·55						422
149	100 38 41·33	50·60	1	−19·40	− 2·49						426
150	100 34										
151	137 31 21·72	51·30	3	−19·39	+ 1·14	308	145	17	19		430
152	126 27 50·76	51·24	2	−19·39	+ 0·62	305	144				431
153	100 35 20·97	50·66	1	−19·37	− 0·48						438
154	123 36 54·23	51·04	3	−19·36	+ 2·46						439
155	85 8										441
156	132 32 48·77	51·25	2	−19·36	+ 2·40	311	149				440
157	132 17 24·36	51·14	2	−19·35	− 1·14	312	153				443
158	100 58 42·92	50·68	1	−19·35	+ 4·29				20		444
159	152 34 40·98	51·16	2	−19·34	− 1·58	316	155				445
160	146 2 54·43	51·34	3	−19·32	+ 0·42	318	156	18	21		450
161	99 42 18·29	50·62	1	−19·31	+ 0·53						452
162	88 21										
163	147 23 41·14	51·14	2	−19·30	+ 1·77	321	158				454
164	148 29 21·53	51·33	3	−19·28	+ 3·59	323	162				456
165	123 2 51·58	50·99	4	−19·28	− 1·04						458
166	147 39 35·48	51·15	2	−19·28	+ 2·13	325	163				457
167	93 2 54·28	50·55	1	−19·28	+ 4·06						459
168	97 34 50·48	50·67	1	−19·25	− 0·08						464
169	121 35 49·28	50·60	1	−19·25	+ 3·08	326	166				463
170	163 45 23·71	50·75	2	−19·24	+ 0·28	332	169				462
171	126 0 8·61	51·23	2	−19·23	+ 0·86	327	167				465
172	128 39 9·15	51·37	3	−19·23	+ 1·37	328	168				466
173	98 25 5·14	50·54	2	−19·22	+ 1·08						470
174	98 43 49·25	50·56	1	−19·21	+ 0·30						472
175	91 46 40·38	50·63	1	−19·20	− 5·36*						475
176	106 36 46·73	50·60	2	−19·19							
177	136 20					337	172				483
178	161 40						173				481
179	146 25 37·83	50·79	2	−19·16	+ 0·88	341					485
180	93 17 27·76	50·69	1	−19·15							

An asterisk * in the Column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

178. This may be Lacaille 349 if Lacaille's N.P.D. is 1° too small.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
181	385	7	Taylor 410 - - -	1 9 8·96	51·52	2	+2·793	−0·22
182	386	6	40 Ceti - - - -	1 9 18·23	51·82	4	+3·050	+0·28
183	389	7	41 Ceti - - - -	1 10 10·43	51·80	2	+3·011	−0·19
184	392	5·6	Toucani - - κ	1 10 40·59	51·58	4	+1·975	−0·31
185		7	Sculptoris - - -	1 11 6·34	51·52	2	+2·787	−0·08
186	396	6·7	Cape 1840 Cat., No. 100	1 11 20·61	52·77	2	+2·046	+0·47
187	398	5·6	Cape 1840 Cat., No. 101	1 11 50·98	51·95	2	+2·091	+0·05
188	399	6·7	Taylor 428 - - -	1 12 5·42	51·93	2	+2·669	−0·41
189	400	6	42 Ceti - - - -	1 12 8·33	51·70	2	+3·061	−0·14
190	402	6·7	Toucani - - -	1 12 43·69	50·93	1	+2·044	+0·60
191	406	6	43 Ceti - - - -	1 14 54·61	51·68	2	+3·062	+0·04
192	407	7·6	Rumker 58 - - -	1 14 57·59	51·38	2	+2·627	+0·15
193	411	6·7	Taylor 442 - - -	1 15 19·95	52·20	2	+2·735	−0·17
194	414	6·7	Piazzi I–65 - - -	1 15 47·30	51·91	2	+2·646	−0·04
195	415	6·7	Taylor 447 - - -	1 15 52·71	52·37	2	+2·739	+0·08
196	417	7	Toucani - - -	1 16 24·26	52·83	2	+2·316	+0·09
197	418	7·6	Piazzi I–68 - - -	1 16 25·70	52·79	2	+2·866	0·00
198	419	6·7	44 Ceti - - - -	1 16 30·05	52·38	2	+3·003	+0·14
199	420	3	45 Ceti - - - θ	1 16 31·56	51·32	18	+3·002	+0·06
200	421	6	Taylor 452 - - -	1 16 31·95	52·81	2	+2·800	−0·13
201	422	7·6	Cape 1840 Cat., No. 106	1 16 47·27	52·85	2	+2·027	−0·22
202	423	7·6	Taylor 453 - - -	1 17 0·56	51·95	1	+2·678	−0·14
203	424	7·6	Taylor 454 - - -	1 17 12·89	52·84	2	+2·788	+0·33
204	426	6	Piazzi I–76 - - -	1 18 2·07	52·80	2	+2·665	+0·04
205	428	6	Piazzi I–78 - - -	1 18 10·60	52·79	2	+2·618	+0·06
206	429	5	46 Ceti - - - -	1 18 14·71	52·32	4	+2·950	−0·01
207	433	6·7	Bradley 191 - - -	1 18 46·91	51·85	2	+3·061	+0·15
208	435	6	47 Ceti - - - -	1 19 27·51	51·89	2	+2·959	0·00
209	436	6·5	Cape 1840 Cat., No. 110	1 19 53·88	50·97	2	+2·085	−0·20
210	445	7·8	Rumker 63 - - -	1 21 44·86	51·67	1	+2·794	+0·30
211	447	3·4	Phœnicis - - γ	1 21 50·75	51·65	2	+2·618	+0·10
212	448	5·6	98 Piscium - - μ	1 22 19·80	52·03	6	+3·115	+0·10
213	449	6	48 Ceti - - - -	1 22 24·44	51·70	2	+2·877	−0·08
214	451	6·7	Bradley 201 - - -	1 22 37·51	51·57	2	+2·837	−0·16
215	452	6	Piazzi I–99 - - -	1 23 18·62	51·83	2	+2·829	−0·02
216	458	6·7	Taylor 491 - - -	1 24 32·13	51·94	2	+2·784	0·00
217	460	6·7	Taylor 493 - - -	1 24 46·86	51·90	2	+2·780	+0·02
218	461	4	Phœnicis - - δ	1 25 0·04	51·66	2	+2·496	+0·09
219	462	7·6	Taylor 496 - - -	1 25 6·69	51·85	2	+2·478	−0·05
220	463	6	Taylor 497 - - -	1 25 16·44	51·95	2	+2·561	−0·24
221	466	5·6	Piazzi I–109 - -	1 26 13·28	51·95	2	+2·692	−0·25
222	467	6	Taylor 504 - - -	1 26 27·27	51·77	2	+2·473	−0·25
223	475	6	49 Ceti - - - -	1 27 18·15	51·78	2	+2·924	+0·30
224	478	7	Taylor 519 - - -	1 27 59·08	52·20	2	+2·544	+0·09
225	479	6	Taylor 518 - - -	1 27 59·80	51·88	2	+2·750	−0·23

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
181	124 56					339	174				487
182	93 3 58·51	51·46	3	−19·15	+ 0·63						490
183	98 27 8·78	51·81	1	−19·12	+ 0·04						495
184	159 40 27·41	50·68	2	−19·11	− 2·58	356	178				496
185	124 55										499
186	158 13 27·25	50·75	1	−19·09	+ 0·49	359	179				498
187	157 11 22·92	51·35	3	−19·08	+ 1·53	361	180				502
188	134 7 26·40	51·39	3	−19·07	− 1·54	358	181				506
189	91 17 54·77	50·66	1	−19·07	− 1·22						507
190	157 54 8·57	51·15	4	−19·05	− 0·90	366	182				508
191	91 14 8·19	50·55	1	−18·99	+ 0·55						523
192	135 55 37·84	51·07	3	−18·99	− 1·24	371					521
193	127 50 15·91	51·37	3	−18·98	− 0·05	373	186				525
194	134 23 26·40	51·12	2	−18·97	− 2·09	378	188				531
195	127 22 52·47	51·42	3	−18·97	+ 2·57	376	190				533
196	149 54 40·22	50·73	2	−18·95	− 0·06	389	193				534
197	115 8 21·68	50·68	1	−18·95	− 4·26	381					538
198	98 47 21·72	50·68	1	−18·95	+ 1·21						542
199	98 57 30·71	50·66	2	−18·95	+ 1·83			20	22	113	543
200	121 43 43·40	51·26	2	−18·95	+ 1·71	384	187				540
201	157 10 10·08	51·10	2	−18·94	+ 0·98	391	196				537
202	131 44 13·32	51·17	2	−18·93	+ 3·24	388	195				546
203	122 35 34·10	51·46	3	−18·93	+ 3·09	386	192				548
204	132 16 28·69	51·20	2	−18·90	+ 0·16	392	199		23		551
205	135 18 40·49	51·23	2	−18·90	− 0·46	395	201				554
206	105 22 51·06	50·66	1	−18·90	− 0·57				24		555
207	91 10 48·87	50·85	1	−18·88	− 0·92						557
208	103 50 16·02	50·67	1	−18·86	− 0·30						564
209	155 9					409	205				563
210	120 40 14·64	51·21	2	−18·79	+ 0·45						579
211	134 5 17·60	51·41	3	−18·79	− 0·35	419	209	22	25	58	580
212	84 37							23			585
213	112 24 24·80	51·23	2	−18·77	− 0·07	423					584
214	116 23 43·34	50·93	3	−18·77	+ 0·31	425					586
215	116 59 3·46	51·22	2	−18·74	− 1·02	427	210				592
216	120 45 38·82	51·29	2	−18·71	− 0·03	433	214				598
217	121 3 16·27	51·24	2	−18·70	+ 2·65	437	215				599
218	139 51 12·00	51·20	2	−18·69	− 0·30	440	216	24	26		600
219	140 40 29·96	50·85	1	−18·69	+ 3·04	445	217				603
220	136 20 57·93	51·22	2	−18·68	+ 0·84	442	219				606
221	127 38 12·05	51·15	2	−18·65	+ 1·28	447	220				615
222	140 29 48·68	51·25	5	−18·65	+ 2·90	450	221				617
223	106 26 48·25	50·69	1	−18·62	− 0·10						620
224	136 27 53·77	51·22	2	−18·60	− 2·12	460	225				623
225	122 39 37·36	51·23	2	−18·59	+ 2·32	457	224				625

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
226		7	Cape 1840 Cat., No. 123	1 28 3·95	51·92	2	+2·770	+0·27
227	484	6	Taylor 524 - - -	1 28 33·35	50·93	1	+2·272	+0·07
228	485	6	50 Ceti - - - -	1 28 40·08	51·81	2	+2·924	−0·02
229	486	6	Cape 1840 Cat., No. 125	1 28 51·39	50·95	2	+2·069	−0·15
230	489	6	Piazzi I–127 - -	1 29 12				
231	483	6	Taylor 525 - - -	1 29 37				
232	491	6	Piazzi I–131 - -	1 30 8·05	51·70	2	+2·979	+0·32
233	493	6·7	Taylor 533 - - -	1 30 40·06	51·93	2	+2·466	−0·30
234	497	6	Taylor 539 - - -	1 31 14·68	51·96	2	+2·207	+0·04
235	505	6	Taylor 544 - - -	1 31 47·18	51·92	2	+2·515	−0·15
236	504	7·6	Piazzi I–140 - -	1 31 47·42	51·91	2	+2·819	−0·08
237	503	5·6	Piazzi I–141 - -	1 31 47·59	51·65	2	+2·674	−0·34
238	506	6·7	Taylor 545 - - -	1 32 6·82	51·93	2	+2·571	−0·36
239	507	1	Eridani - - α	1 32 7·32	52·36	30	+2·234	+0·05
240	512	5·6	Cape 1840 Cat., No. 133	1 32 43·63	52·80	1	+0·296	−0·43
241	513	7	Taylor 552 - - -	1 32 58·99	52·79	2	+2·339	+0·09
242	518	5·4	106 Piscium - - ν	1 33 37·84	52·05	6	+3·115	−0·05
243	520	6	Hydri - - - -	1 33 56·54	51·95	2	+1·853	+0·19
244	521	5	Taylor 562 - - -	1 34 6·04	52·80	2	+2·250	+0·61*
245	526	6	Piazzi I–156 - -	1 34 52·09	52·33	2	+2·637	−0·05
246	527	6·5	Piazzi I–157 - -	1 35 22·18	51·80	2	+2·719	−0·35
247	528	6·7	Piazzi I–158 - -	1 35 26·16	51·96	2	+2·654	−0·22
248	529	6·5	Taylor 568 - - -	1 35 41·78	51·77	2	+2·406	−0·23
249	530	7	Rumker 70 - - -	1 36 31·73	51·89	2	+2·241	−0·25
250	531	5·6	Cape 1840 Cat., No. 140	1 36 39·54	50·94	2	+2·061	−0·10
251	532	5	Eridani - - q^1	1 36 42·50	51·73	2	+2·304	+0·06
252	536	4·3	52 Ceti - - - τ	1 37 5·93	51·49	4	+2·906	−0·08
253	537	4	110 Piscium - - ο	1 37 28·71	51·87	7	+3·153	−0·14
254	539	5·6	Piazzi I–167 - -	1 38 27·59	51·88	2	+3·009	+0·03
255	541	5·6	Sculptoris - - ε	1 38 37·27	51·83	2	+2·801	−0·13
256	543	6	Hydri - - - -	1 39 30·02	51·96	2	+2·023	−0·07
257	548	5	Taylor 587 - - -	1 40 12·87	51·80	2	+2·357	0·00
258	550	4·5	Eridani - - q^2	1 40 22·88	51·65	3	+2·282	+0·23
259	552	6·7	Taylor 591 - - -	1 40 55·27	51·89	3	+2·549	−0·05
260	553	6	Piazzi I–178 - -	1 41 14·65	51·94	2	+2·625	−0·14
261	554	6	Cape 1840 Cat., No. 148	1 41 21·47	51·95	2	−0·142	−0·22
262	557	6	Cape 1840 Cat., No. 151	1 42 11·84	50·93	1	−2·184	+0·34
263	559	5	53 Ceti - - - χ	1 42 13·19	51·65	1	+2·954	+0·11
264		9	W.B. I–758 - - -	1 42 19·71	51·72	1	+2·957	
265	563	6	Piazzi I–188 - -	1 43 20·36	51·78	2	+2·596	−0·13
266	565	3	55 Ceti - - - ζ	1 44 3·43	51·70	3	+2·956	+0·06
267	567	6·5	Taylor 611 - - -	1 44 18·72	51·91	2	+2·405	+0·02
268	570	6	Piazzi I–198 - -	1 45 2·40	51·89	2	+2·564	−0·14
269	571	6·5	Taylor 616 - - -	1 45 5·06	51·73	2	+2·341	−0·28
270	584	6	Octantis - - -	1 46 40·89	52·35	17	−4·595	+0·35

An asterisk * in the column "Cape 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

231. The Right Ascension of this star given in the B.A.C., and the large Proper Motion, are both in error; Taylor's Right Ascension is one minute too small.

264. The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
226	120 41					458					626
227	147 46					464	226				627
228	106 10 8·68	50·75	1	−18·57	+ 0·29						630
229	153 14					467	228				629
230	120 40 37·29	51·55	4	−18·56	− 0·03	462	227				632
231	148 54 22·43	51·64	1	−18·54	+ 0·74	468	229				635
232	100 10 25·18	50·75	1	−18·52	− 1·74						640
233	139 34 17·95	51·23	2	−18·51	− 0·55	473	233				641
234	149 2 13·89	51·16	2	−18·49	+ 0·72	479	235				644
235	136 50 57·00	51·27	2	−18·47	+ 0·21	478	236				646
236	115 47 12·56	51·93	2	−18·47	− 0·20	475					651
237	127 17 15·17	51·29	2	−18·47	+ 3·51	476	237				647
238	133 41 28·84	51·31	2	−18·46	+ 0·40	481	238				652
239	148 0					484	239	25	27	36	650
240	169 15 58·39	50·90	2	−18·44	+ 1·76	505	242				645
241	144 11 59·98	51·27	2	−18·43	+ 2·58	489	240				657
242	85 16							27			665
243	156 22 7·24	51·22	2	−18·39	− 0·77	499	244				663
244	146 57 26·26	51·41	3	−18·39	+ 1·91	495	243				667
245	128 53 41·35	51·25	2	−18·36	+ 0·39	496	245				672
246	123 5 5·67	51·28	2	−18·34	+ 1·10	500	246				675
247	127 35 26·56	51·25	2	−18·34	+ 0·22	501	247				676
248	140 47 50·51	51·20	2	−18·33	+ 0·22	502	248				677
249	146 37 29·01	50·61	2	−18·30	− 2·73						680
250	151 32 45·85	50·76	3	−18·30	+ 1·45	507	250				681
251	144 29 40·37	51·10	2	−18·30	− 0·34	506	249				683
252	106 43 44·37	51·32	4	−18·28	− 0·15			28	28		685
253	81 35							29			688
254	96 29 9·03	50·69	1	−18·23	+ 0·55						695
255	115 48 16·28	51·17	2	−18·23	− 2·19	511		30	29		696
256	151 46 20·80	50·92	1	−18·19	+ 0·64	516	252				698
257	141 34 3·71	51·12	2	−18·17	+ 1·19	520	253				702
258	144 16 36·55	51·01	3	−18·16	− 2·05	523	254				703
259	132 30 45·24	51·17	2	−18·14	− 0·73	524	255				706
260	127 54 36·92	51·22	2	−18·13	− 0·39	526	257				710
261	169 54 15·76	50·74	2	−18·13	− 0·70	551	259				701
262	173 44 15·46	50·73	2	−18·10	− 1·20	576	262				700
263	101 25 50·32	50·66	1	−18·09	− 2·16				30		719
264	101 7										
265	129 9 41·92	51·20	2	−18·05	−10·25*	536	260				727
266	101 4 41·37	50·59	1	−18·02	− 2·49			31	31	109	734
267	138 33 51·82	51·10	2	−18·01	− 3·14	542	263				732
268	130 34 43·90	51·22	2	−17·99	+ 0·25	543	265				739
269	140 57 0·82	51·52	4	−17·98	+ 1·15	547	266				738
270	175 31					634	277				725

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
271	578	6	Piazzi I–206 - -	1 46 55·65	51·79	2	+2·578	+0·17
272	582	4	Taylor 629 - - -	1 47 37·87	51·65	2	+2·421	−0·12
273	585	5·6	Phœnicis - - ϕ	1 48 8·47	51·68	3	+2·499	−0·18
274	589	5·6	Hydri - - - η^1	1 48 47·50	51·91	2	+1·505	−0·02
275	591	5·6	Cape 1840 Cat., No. 166	1 49 19·10	51·89	2	−0·765	−0·84
276	594	6	56 Ceti - - - -	1 49 38·72	51·82	2	+2·807	−0·08
277	596	4	Eridani - - χ	1 50 7·10	52·38	3	+2·270	+0·02
278	598	6·7	58 Ceti - - - -	1 50 22·02	51·85	2	+3·040	+0·17
279	599	7	Hydri - - - -	1 50 28				
280	602	6	Hydri - - - -	1 50 58				
281	603	5·4	Hydri - - - η^2	1 51 8·57	51·89	2	+1·498	−0·21
282	604	5·4	Taylor 646 - - -	1 51 13·10	52·22	2	+2·375	+0·09
283	606	6	Taylor 648 - - -	1 51 16·73	52·30	4	+2·258	+0·75*
284	613	6·7	Piazzi I–229 - -	1 52 11·92	51·69	2	+2·507	−0·03
285	617	6	57 Ceti - - - -	1 52 42·88	51·95	2	+2·821	−0·02
286	618	5	59 Ceti - - - ν	1 52 56·25	51·71	1	+2·818	+0·05
287	619	7	Taylor 660 - - -	1 53 11·25	51·95	2	+2·511	−0·42
288	621	6·5	Piazzi I–235 - -	1 53 27·93	51·82	2	+2·483	−0·24
289	622	7	Cape 1840 Cat., No. 174	1 53 49·10	50·93	1	+0·014	+0·13
290	623	3·2	Hydri - - - α	1 54 2·48	51·66	2	+1·855	+0·14
291	625	4	113 Piscium - - α	1 54 17·29	51·81	4	+3·094	−0·03
292	627	6	Piazzi I–241 - -	1 54 32·85	51·92	2	+2·690	−0·41
293	633	5·6	60 Ceti - - - -	1 55 30·26	51·85	2	+3·064	−0·02
294	634	5·4	Phœnicis - - χ	1 55 41·36	51·71	2	+2·414	−0·11
295	636	6	Ceti - - - -	1 55 45·19	51·97	2	+2·885	+0·15
296	635	5·6	Cape 1840 Cat., No. 180	1 55 45·53	51·93	2	+1·562	−0·11
297	639	6	61 Ceti - - - -	1 56 7·63	51·94	2	+3·059	−0·10
298	638	6·5	Cape 1840 Cat., No. 181	1 56 11·58	51·24	2	−0·293	+0·81
299	642	7·6	Cape 1840 Cat., No. 182	1 57 32·63	52·84	1	+2·177	−0·20
300	643	5·6	Piazzi I–251 - -	1 57 46·00	51·99	2	+2·691	−0·22
301	648	2	13 Arietis - - - α	1 58 43·65	52·47	26	+3·349	−0·04
302	652	6·7	Hydri - - - -	1 59 47·45	51·61	3	+1·117	−0·05
303	654	6	Cape 1840 Cat., No. 185	2 0 23·91	52·85	1	+0·539	−0·86
304	655	6·7	Octantis - - -	2 0 25·82	51·57	2	−1·841	+0·47
305	659	6·7	Taylor 697 - - -	2 1 16·74	51·67	2	+2·078	+0·06
306	660	6	62 Ceti - - - -	2 1 34·06	51·84	2	+3·035	−0·27
307	664	6·7	Piazzi I–270 - -	2 1 59·48	51·81	2	+2·447	−0·21
308	670	6·5	Piazzi II–7 - - -	2 3 9·88	51·89	2	+2·405	−0·16
309	671	6	Cape 1840 Cat., No. 188	2 3 15·44	51·92	2	+1·484	−0·32
310	674	6	Piazzi II–10 - -	2 3 39·27	51·81	2	+2·462	−0·09
311	677	6	63 Ceti - - - -	2 3 59·03	51·95	3	+3·040	+0·03
312	678	6	Piazzi II–14 - -	2 4 5·87	51·96	2	+2·393	−0·11
313	680	6·7	Taylor 719 - - -	2 4 17·25	51·92	3	+2·173	+0·31
314	684	5	65 Ceti - - - ξ^1	2 5 3·24	51·85	9	+3·170	+0·06
315		8·9	Piazzi II–17 - -	2 5 7·28	51·72	2	+3·033	

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315 The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
271	129 20 12·57	51·13	2	−17·91	− 1·37	555	270				750
272	137 2 19·29	51·16	2	−17·88	+ 0·07	559	272				754
273	133 14 3·90	51·22	2	−17·86	+ 1·69	565	274		32		756
274	158 41 2·36	50·62	2	−17·84	− 1·14	577	276				758
275	170 55					606	279				755
276	113 15 39·46	51·28	2	−17·80	+ 2·01	568					763
277	142 21					575	278	32	33		765
278	92 47 36·53	50·70	1	−17·77	+ 0·47						772
279	151 2 48·64	50·78	2	−17·77	+ 0·94	584					766
280	151 35 55·98	50·85	2	−17·75	− 1·83	590					775
281	158 23 11·00	51·41	3	−17·74	+ 0·96	594	283		34		774
282	138 7 10·48	51·40	3	−17·74	+ 0·59	585	281				777
283	142 30 37·10	51·09	3	−17·74	− 5·36*	588	282				778
284	131 54 3·65	51·23	2	−17·70	+ 0·19	591	284				786
285	111 33 20·28	50·89	1	−17·68	− 1·01						789
286	111 48 24·02	51·35	2	−17·67	+ 0·05				35		790
287	131 27 22·22	50·56	2	−17·66	+ 0·86	597	285				791
288	132 45 20·32	51·24	2	−17·65	+ 4·59	599	286				793
289	168 13					621	289				787
290	152 18 4·23	51·35	3	−17·62	− 0·57	605	287	33	36	25	795
291	87 57										800
292	120 43 28·05	51·32	3	−17·60	− 3·83	602	288				801
293	90 35 51·28	50·68	1	−17·56	− 2·45						810
294	135 26 14·93	50·68	2	−17·55	+ 0·44	610	291		37		806
295	106 1 51·77	51·25	2	−17·55	− 0·96						812
296	156 47 41·07	50·72	2	−17·55	− 0·87	616	292				805
297	91 3 44·99	50·73	1	−17·54	− 2·39						816
298	169 4 51·09	50·82	2	−17·54	+ 2·21	637	293				804
299	143 45 32·84	50·86	2	−17·48	+ 0·48	619					820
300	120 1 6·85	51·44	3	−17·47	+ 0·36	618	294				822
301	67 14						295				830
302	161 8 29·87	50·61	3	−17·37	+ 0·60	643	297				828
303	165 10					652	300				833
304	172 13					679	304				823
305	145 47 58·31	51·33	3	−17·31	+ 0·07	640	301				840
306	93 2 37·73	50·64	1	−17·30	+ 1·33						844
307	132 35 38·26	51·19	2	−17·28	+ 0·80	641	303				845
308	134 13 36·06	51·22	2	−17·23	+ 0·85	647	307				857
309	156 39 32·63	50·72	2	−17·23	+ 0·51	664	309				854
310	131 34 35·69	51·18	2	−17·21	− 0·72	653	308				861
311	92 31 58·21	50·70	1	−17·19	+ 1·48						868
312	134 31 32·59	51·23	2	−17·19	− 0·53	659	310				864
313	142 26 36·42	51·31	3	−17·18	− 1·75	662	312				866
314	81 51							34			872
315	93 6 1·85	50·55	1	−17·14							

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
316	685	6·7	66 Ceti - - - -	2 5 8·15	51·70	4	+3·033	−0·53*
317	688	6·5	Fornacis - - μ	2 6 18·12	52·22	2	+2·643	−0·11
318	699	5·6	Piazzi II–42 - -	2 8 27·67	51·68	3	+2·434	−0·23
319	703	6·7	Cape 1840 Cat., No. 194	2 9 11·02	51·99	1	+1·399	+0·01
320	704	6	67 Ceti - - - -	2 9 30·27	51·71	2	+2·981	−0·03
321	709	7·6	Cape 1840 Cat., No. 196	2 10 16·31	51·90	2	+0·346	−0·28
322	711	5·6	Cape 1840 Cat., No. 197	2 10 25·40	51·96	2	−0·132	+0·44
323	713	6·7	Taylor 769 - - -	2 10 58·44	51·88	2	+2·532	+0·15
324	716	5	Hydri - - - π^1	2 11 7·05	52·22	2	+1·229	−0·01
325	717	4·3	Eridani - - ϕ	2 11 9·15	51·90	2	+2·137	−0·04
326	720	5·6	68 Ceti - - - o	2 11 46·41	51·97	2	+3·024	−0·15
327	722	7·6	Piazzi II–58 - -	2 12 8·88	51·70	1	+3·006	−0·27
328	723	6	Piazzi II–59 - -	2 12 15·22	51·92	2	+2·705	−0·60*
329	724	6·5	Hydri - - - π^2	2 12 21·75	51·97	2	+1·223	−0·01
330	726	6·7	Taylor 780 - - -	2 13 25·81	51·70	2	+2·397	−0·23
331	729	6	69 Ceti - - - -	2 14 15·73	51·72	1	+3·067	−0·06
332	730	6·5	Cape 1840 Cat., No. 204	2 14 26·81	52·87	2	−0·148	−0·53
333	732	6	70 Ceti - - - -	2 14 34·08	51·81	2	+3·051	−0·02
334	734	6·5	Taylor 791 - - -	2 15 2·54	51·88	2	+1·943	+0·08
335	736	6	Taylor 795 - - -	2 15 38·20	52·83	2	+1·901	−0·22
336	737	5·6	Fornacis - - κ	2 15 40·77	52·22	2	+2·731	+0·28
337	739	6·7	Piazzi II–77 - -	2 16 18·94	51·92	2	+2·350	−0·05
338	742	6·7	Taylor 803 - - -	2 16 41·41	51·98	2	+2·628	−0·29
339	743	6·7	Taylor 802 - - -	2 16 41·91	51·96	2	+2·677	−0·25
340	746	6·7	Taylor 804 - - -	2 16 55·53	51·98	2	+2·478	−0·22
341	747	6·7	71 Ceti - - - -	2 17 23·75	51·77	3	+3·025	−0·08
342	748	5·6	Taylor 810 - - -	2 17 37·80	51·94	2	+2·111	+0·10
343	751	6·7	Piazzi II–90 - -	2 18 31·70	51·96	2	+2·398	+0·37
344	753	7	Taylor 818 - - -	2 18 41·93	51·99	2	+1·877	−0·15
345	754	5	72 Ceti - - - ρ	2 18 42·49	51·67	4	+2·896	−0·23
346	756	5·4	Hydri - - - δ	2 19 5·99	51·98	2	+1·048	−0·47
347	760	4	73 Ceti - - - ξ^2	2 20 11·33	52·37	6	+3·176	+0·06
348	762	5	Horologii - - λ	2 20 42·58	52·83	2	+1·682	−0·46
349	763	4	Eridani - - κ	2 21 29·29	51·71	2	+2·200	−0·26
350	765	5·6	Piazzi II–99 - -	2 21 41·07	51·98	3	+2·539	−0·27
351	767	6	Hydri - - - κ	2 22 1·32	52·00	2	+0·304	−1·07
352	768	7·6	Taylor 835 - - -	2 22 7·61	51·96	3	+2·590	−0·29
353	770	6	Cape 1840 Cat., No. 217	2 22 21·45	51·89	2	+1·223	−0·30
354	773	7·6	Piazzi II–104 - -	2 23 4·25	51·90	2	+2·733	+0·27
355	774	6	Piazzi II–106 - -	2 23 29·02	51·96	2	+2·691	+0·18
356	775	6·7	Piazzi II–107 - -	2 23 42·46	52·39	2	+2·734	0·00
357	778	6	75 Ceti - - - -	2 24 31·59	51·69	2	+3·048	−0·09
358	779	6	Cape 1840 Cat., No. 220	2 24 34·83	51·66	2	+1·382	−0·03
359	781	5	76 Ceti - - - σ	2 24 58·68	51·87	2	+2·845	−0·19
360	783	6	Taylor 852 - - -	2 26 3·93	51·80	2	+2·469	−0·15

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
316	93 5 50·14	50·55	1	−17·14	+ 0·90						874
317	121 25 45·78	51·53	4	−17·09	+ 0·90	666	315				880
318	131 52 1·30	51·38	3	−16·99	+ 1·98	682	318				891
319	156 51 29·43	51·06	3	−16·95	− 1·48	691	321				895
320	97 6 56·30	50·64	1	−16·94	+ 0·08						904
321	165 12 16·16	50·76	2	−16·90	+ 3·06	704	326				900
322	167 19 39·87	50·76	2	−16·89	+ 1·42	709	328				899
323	126 40 52·03	51·11	2	−16·87	− 0·42	688	325				914
324	158 32 33·44	51·22	2	−16·86	− 0·79	701	330				908
325	142 12 28·87	51·27	4	−16·86	+ 1·07	693	327	35	38		913
326	93 39 40·15	50·68	1	−16·83	+ 0·51			36	39		917
327	95 2 18·84	50·68	1	−16·81	− 0·15						920
328	116 39 27·48	50·56	2	−16·81	−12·05*	695	331				919
329	158 26 33·91	51·02	3	−16·80	+ 0·26	706	332				916
330	132 32 28·14	51·21	2	−16·75	− 0·12	703	334				927
331	90 17 32·52	50·69	1	−16·71	− 1·40						934
332	167 3					734	338				924
333	91 34 13·77	50·68	1	−16·70	+ 0·81						937
334	146 38 7·16	51·21	4	−16·67	− 0·56	717	337				936
335	147 28					722	340				938
336	114 30 0·16	51·22	2	−16·64	+ 2·18	712					942
337	133 53 16·01	50·59	1	−16·61	− 2·82	721	341				946
338	120 32 57·40	50·81	2	−16·59	+ 4·34	720	344				951
339	117 40 37·74	51·45	3	−16·59	+ 2·96	718	343				952
340	128 15 31·83	51·43	3	−16·58	+ 2·35	723	345				953
341	93 27 40·75	50·71	1	−16·56	+ 2·48						956
342	141 46 43·34	51·18	2	−16·55	− 0 94	729	346				954
343	131 31 34·49	51·23	2	−16·50	− 3·73	731					964
344	147 29 48·27	51·15	3	−16·49	+ 0·10	739	349				961
345	102 58 11·30	50·69	1	−16·49	− 0·98				40		968
346	159 20 34·23	51·09	3	−16·47	+ 0·62	747	351	39	41		960
347	82 12										973
348	150 59					752	352				971
349	138 22 44·16	51·37	3	−16·35	− 0·05	753	353	40	42		978
350	124 29 7·27	50·66	3	−16·34	− 0·10	749	354				981
351	164 19 29·93	50·78	2	−16·32	+ 2·03	774	358				975
352	121 46 28·45	51·42	3	−16·32	+ 0·95	751	356				984
353	157 10 12·40	50·73	4	−16·31	+ 0·34	769	357				982
354	113 21 12·50	51·25	2	−16·27	+ 0·65	757					995
355	115 51 27·04	50·76	2	−16·25	− 0·98	761	360				997
356	113 12 46·19	51·07	3	−16·24	+ 2·85	763					998
357	91 42 0·80	50·69	1	−16·20	− 1·54						1006
358	154 58					779	363				1000
359	105 54 19·18	51·27	2	−16·17	+ 2·42			42	43		1009
360	127 5 33·58	50·79	2	−16·12	− 1·05	776	364				1016

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
361	787	7·6	Taylor 856	2 26 41·76	51·83	2	+2·228	−0·40
362	788	6·5	Piazzi II–120	2 26 51·88	51·95	2	+2·505	−0·33
363	790	6	Piazzi II–122	2 27 16·76	51·96	2	+2·628	−0·37
364	791	6	77 Ceti	2 27 18·75	51·75	3	+2·951	+0·16
365	792	6·7	79 Ceti	2 27 48·74	51·81	2	+3·012	+0·20
366	794	5	78 Ceti ν	2 28 0·30	52·22	2	+3·140	+0·19
367	799	6	80 Ceti	2 28 37·42	52·79	1	+2·950	−0·40
368	801	6	Taylor 872	2 28 48·18	51·93	3	+2·045	−0·26
369	803	6	Piazzi II–137	2 29 41·31	51·95	2	+2·588	−0·17
370	804	6·7	Horologii	2 29 53·25	51·66	2	+1·565	+0·20
371	807	6	81 Ceti	2 30 8·51	51·67	2	+3·013	+0·10
372	809	6·5	Piazzi II–141	2 30 44·80	51·80	2	+2·494	−0·07
373	811	4	82 Ceti δ	2 31 47·86	51·72	2	+3·067	−0·11
374	812	6	Piazzi II–147	2 31 50·47	51·90	2	+2·580	+0·36
375	815	4	83 Ceti ϵ	2 32 18·61	51·78	2	+2·888	+0·13
376	818	6·7	Taylor 893	2 32 22·00	51·96	2	+2·412	+0·09
377	820	5	Horologii η	2 32 27·77	51·94	2	+1·968	−0·04
378	823	6	84 Ceti	2 33 32·88	51·91	1	+3·052	+0·58*
379	824	7	Cape 1840 Cat., No. 235	2 33 51·03	52·84	2	+0·037	−0·21
380	828	4·5	Piazzi II–158	2 34 5·10	51·71	2	+2·280	−0·02
381	832	4	Eridani ι	2 34 45·05	51·66	2	+2·357	−0·02
382	833	6·5	Hydri μ	2 34 59·49	51·80	4	−1·561	+0·91
383	835	6·7	Hydri	2 35 25·37	52·39	2	+1·000	−0·26
384	837	3·4	86 Ceti γ^2	2 35 31·93	52·00	11	+3·109	+0·02
385	839	5	Horologii ζ	2 35 59·77	51·93	2	+1·860	−0·13
386	840	5·6	Piazzi II–168	2 36 8·33	51·97	2	+2·389	−0·21
387	841	6	Cape 1840 Cat., No. 241	2 36 18·97	52·12	3	+1·269	−0·23
388	843	6	Taylor 921	2 36 44·59	51·99	2	+2·160	−0·24
389	845	5	87 Ceti μ	2 36 50·44	52·49	8	+3·212	+0·05
390	846	6·7	Cape 1840 Cat., No. 246	2 36 57·95	52·44	2	+1·020	+0·02
391	847	5	89 Ceti π	2 36 59·28	52·36	2	+2·852	−0·15
392	848	7·6	Cape 1840 Cat., No. 247	2 37 1·35	51·44	4	+1·102	+0·13
393	849	5	Hydri ϵ	2 37 17·86	52·88	2	+0·874	+0·10
394	850	6	Hydri	2 37 22·67	52·90	2	+0·563	−0·04
395	851	5	Taylor 928	2 37 27·21	52·40	2	+2·007	+0·76*
396	853	6	Piazzi II–173	2 37 31·06	51·71	2	+2·329	−0·32
397	854	7·6	Taylor 926	2 37 34·63	51·61	2	+2·654	+0·30
398	855	6	Piazzi II–176	2 38 3·07	52·41	2	+2·515	−0·03
399	856	5·4	1 Eridani τ^1	2 38 6·25	51·70	3	+2·774	−0·05
400	860	7	Hydri	2 38 42·42	52·39	2	+0·743	+0·33
401	862	6·5	Taylor 937	2 39 21·69	51·91	1	+1·926	+0·09
402	865	7·6	Taylor 944	2 39 53·86	51·66	2	+2·152	−0·18
403	864	6·7	Taylor 943	2 39 54·64	51·98	2	+2·257	−0·16
404	869	6	Cape 1840 Cat., No. 256	2 40 50·76	51·96	2	+1·004	−0·56
405	870	6	42 Arietis π	2 40 55·74	51·78	4	+3·332	+0·04

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
361	136 32 2·14	51·20	2	−16·09	+1·91	785	367				1018
362	125 18 42·23	51·31	2	−16·08	+1·23	781	366				1022
363	118 53 36·50	51·43	3	−16·05	+1·14	783	368				1024
364	98 30 59·88	50·69	1	−16·05	+3·97						1027
365	94 12 5·60	50·72	2	−16·03	+1·13						1032
366	85 3										1034
367	98 29 11·57	50·69	1	−15·98	+2·39						1037
368	141 45 8·17	51·22	2	−15·98	+0·50	799	370				1035
369	120 42 4·78	51·01	3	−15·93	−0·51	798	372				1042
370	151 38 30·50	51·12	3	−15·92	+0·05	810					1041
371	94 2 51·82	50·64	1	−15·90	+3·54						1047
372	125 13 17·36	50·74	2	−15·87	+7·02*	805	374				1050
373	90 19 17·48	50·63	1	−15·81	−1·19			44	44		1057
374	120 50 31·78	51·43	3	−15·81	+3·11	811	376				1056
375	102 30 41·85	50·66	1	−15·79	+0·12				45		1064
376	128 38 18·47	51·24	2	−15·78	+2·59	815	377				1060
377	143 11 38·16	50·62	1	−15·78	+1·57	821	378				1058
378	91 20 10·47	50·69	1	−15·72	+3·75*						1077
379	164 40 38·16	50·72	3	−15·71	+1·73	856	385				1067
380	133 32 16·10	51·20	2	−15·69	+0·16	827	383		46		1081
381	130 29 58·19	51·44	3	−15·65	+0·68	831	384		47		1086
382	169 45					883	390				1071
383	157 56 54·08	50·72	2	−15·62	+0·25	854	386				1085
384	87 23									126	1096
385	145 11 38·01	51·04	3	−15·59	−0·15	847	388				1093
386	129 1 34·38	51·25	2	−15·58	−0·57	841	387				1099
387	154 55					863	391				1095
388	137 9 41·93	51·26	2	−15·55	+3·37	848	392				1106
389	80 31										1111
390	157 36 2·35	50·82	2	−15·53	+0·25	867	396				1100
391	104 29 48·34	50·73	1	−15·53	−0·87			47	48		1109
392	156 45 32·76	50·80	2	−15·53	+2·92	866					1101
393	158 54 38·26	50·83	2	−15·51	+0·05	871	398		49		1105
394	161 19 27·47	50·84	2	−15·51	+0·52	877	400				1104
395	141 26 58·08	51·38	3	−15·51	−5·12*	859	397				1112
396	131 10 2·38	51·24	2	−15·50	−0·85	852	395				1116
397	116 8					850	394				1118
398	123 9 39·58	51·45	3	−15·47	+0·92	855	399				1122
399	109 12 36·83	50·69	1	−15·47	−0·17			48			1124
400	159 52 22·70	50·83	2	−15·44	+1·04	880	401				1121
401	143 12 20·14	51·29	2	−15·40	+1·47	874	403				1126
402	136 55 13·03	51·22	2	−15·37	+1·81	876	405				1135
403	133 28 9·73	50·73	3	−15·37	+1·83	875	406				1136
404	157 20 48·89	50·76	2	−15·32	−1·89	893	408				1138
405	73 9										1147

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
406	873	6	Piazzi II–189 - -	2 41 28·77	51·81	2	+2·437	−0·30
407	874	6	Cape 1840 Cat., No. 258	2 41 31·72	51·93	2	+0·717	+0·06
408	876	6	Horologii - - γ	2 42 15·86	51·64	1	+1·262	−0·19
409	878	7·6	Fornacis - - υ	2 42 38·77	51·71	2	+2·389	−0·03
410	879	5	Fornacis - - β	2 42 48·76	51·93	2	+2·504	−0·08
411	880	6	Fornacis - - γ	2 43 12·32	51·88	2	+2·660	−0·14
412	882	5	Hydri - - - ζ	2 43 15·17	51·79	2	+0·881	−0·18
413	883	5·6	Piazzi II–200 - -	2 43 24				
414	884	7	Taylor 962 - - -	2 43 32·01	51·80	2	+2·133	0·00
415	886	5·6	Piazzi II–204 - -	2 44 11·04	51·95	2	+2·422	−0·04
416	887	5	2 Eridani - - τ^2	2 44 14·04	51·88	1	+2·723	+0·20
417	889	6	Cape 1840 Cat., No. 267	2 44 30·52	52·84	2	+0·386	+0·10
418	890	5·6	Piazzi II–205 - -	2 44 36·84	51·84	2	+2·424	−0·19
419	893	6	Piazzi II–207 - -	2 45 0·02	51·66	2	+2·316	−0·28
420	894	6·7	Piazzi II–208 - -	2 45 35·22	51·95	2	+2·530	+0·17
421	895	6	Cape 1840 Cat., No. 270	2 45 42				
422	899	6·7	Taylor 978 - - -	2 46 58·18	52·41	2	+1·657	−0·26
423	900	6·7	Taylor 976 - - -	2 47 2·70	51·71	2	+2·269	+0·03
424	902	5·6	Piazzi II–216 - -	2 47 41·86	51·68	2	+2·346	0·00
425	906	6·7	Cape 1840 Cat., No. 273	2 48 31·36	51·96	2	+1·220	−0·40
426	907	6	Cape 1840 Cat., No. 274	2 48 43·14	51·65	3	+0·833	+0·05
427	909	7	Cape 1840 Cat., No. 276	2 48 58·51	51·99	2	−0·161	−0·60
428	911	6	Cape 1840 Cat., No. 275	2 49 5·98	51·70	1	+1·265	+0·01
429	910	4·3	3 Eridani - - η	2 49 6·20	51·69	3	+2·920	−0·07
430	917	6·7	Taylor 991 - - -	2 50 0·54	51·78	2	+2·332	−0·11
431	919	6	Cape 1840 Cat., No. 278	2 50 17·16	51·91	3	+1·033	−0·33
432	922	6·5	4 Eridani - - -	2 50 43·64	51·71	2	+2·658	+0·15
433	923	6·7	Taylor 997 - - -	2 50 46·79	51·84	2	+2·412	−0·14
434	924	6	Piazzi II–226 - -	2 50 52·35	51·95	2	+2·537	−0·10
435	925	6	Cape 1840 Cat., No. 280	2 51 14·65	51·98	2	+1·077	+0·35
436	926	6·7	6 Eridani - - -	2 51 25·75	51·96	1	+2·662	−0·28
437	928	6	Hydri - - - ν	2 51 30·48	51·82	3	−0·491	−0·45
438	927	5	Cape 1840 Cat., No. 283	2 51 30·86	51·96	3	+1·116	−0·12
439	929	6	91 Ceti - - - λ	2 51 40·89	52·97	2	+3·204	
440	930	6	Piazzi II–232 - -	2 51 41·59	52·27	2	+2·339	+0·10
441		6	Horologii - - -	2 51 49·70	51·02	2	+1·152	+0·28
442	934	5	5 Eridani - - -	2 52 6·89	51·84	2	+3·022	+0·03
443	937	3·4	Eridani - - θ	2 52 34·53	51·99	2	+2·278	−0·05
444	938	5·6	Cape 1840 Cat., No. 287	2 52 35·36	51·99	2	+2·278	−0·13
445	939	6	Taylor 1011 - - -	2 52 43·33	52·40	2	+2·553	−0·07
446	940	6·5	Piazzi II–241 - -	2 53 0·10	52·84	1	+2·627	+0·18
447	942	6·7	Taylor 1018 - - -	2 53 15·94	52·87	1	+1·730	−0·09
448	943	6·7	7 Eridani - - -	2 53 17·75	52·88	2	+3·015	−0·11
449	944	6	Piazzi II–243 - -	2 53 27·28	52·29	2	+2·472	−0·05
450	946	6	8 Eridani - - ρ^1	2 53 47·75	52·25	2	+2·937	+0·09

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

441. This star was observed for B.A.C. 935. There is no star in the B.A.C. place.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
406	126 10 41·28	51·25	2	−15·28	+ 2·15	879	409				1148
407	159 47 48·82	50·76	3	−15·28	− 2·94	898	411				1143
408	154 20 6·41	50·70	3	−15·24	− 0·69	896	414				1149
409	128 1 49·07	51·22	2	−15·21	− 2·86	887	413				1153
410	123 2 18·04	51·22	2	−15·20	− 0·48	888	415		50		1154
411	115 10 45·14	51·26	2	−15·18	+ 5·00	890	417				1156
412	158 14 52·46	50·81	2	−15·18	+ 1·48	907	420		51		1152
413	118 34 1·61	51·27	2	−15·17	− 1·05	892					1159
414	136 58 20·53	51·20	2	−15·16	+ 1·58		418				1157
415	126 28 5·27	51·24	2	−15·12	− 3·79	897	421				1162
416	111 37 32·54	51·28	2	−15·12	− 3·53			50	52		1164
417	161 51					916	426				1160
418	126 17 43·52	51·25	2	−15·10	+ 0·62	899	423				1165
419	130 33 10·77	51·24	2	−15·08	+ 0·58	902	424				1166
420	121 26 16·38	51·29	2	−15·04	− 2·90	903	427				1172
421	153 25 48·85	50·81	3	−15·04							
422	147 48 39·03	51·17	2	−14·96	− 0·33	919	429				1176
423	132 0 27·43	51·47	4	−14·96	+ 0·97	912	428				1182
424	129 3 11·34	51·04	3	−14·92	− 2·36	915	430				1185
425	154 9 19·48	51·24	2	−14·88	+ 0·63	934	432				1188
426	158 8 20·11	51·13	3	−14·86	+ 0·63	943	433				1189
427	164 27 40·16	50·78	2	−14·85	+ 0·75	952	435				1186
428	153 31					937	434				1196
429	99 29 50·91	50·67	1	−14·84	+ 1·94			51	53	112	1204
430	129 15 36·62	51·25	2	−14·79	− 0·74	931	436				1210
431	156 3 59·98	51·25	2	−14·77	+ 0·36	948	439				1206
432	114 28 0·98	51·28	2	−14·74	− 0·61	933					1219
433	125 59 2·58	51·26	2	−14·74	+ 1·32	936	438				1218
434	120 27 39·34	51·84	2	−14·73	+ 0·27	935					1222
435	155 30 43·55	51·33	2	−14·71	− 0·39	954					1213
436	114 12 43·32	51·42	2	−14·70	− 0·31	940					1226
437	165 40 45·38	50·79	2	−14·70	+ 2·75	972	447				1211
438	155 2					957	444				1220
439	81 41										
440	128 47 44·96	51·62	3	−14·69	− 0·22	945	443				1227
441	154 36 51·08	50·89	2	−14·68	− 2·93						1223
442	93 3 53·32	50·93	1	−14·66	+ 1·48						1229
443	130 54 29·43	51·24	2	−14·63	− 0·91	950	446		54	67	1230
444	130 54 28·28	51·24	2	−14·63	− 1·29					67	1231
445	119 30 21·40	51·43	2	−14·62	+ 2·73	946	442				1233
446	115 52 40·92	51·28	2	−14·61	− 2·61	947	450				1236
447	145 37 2·52	51·23	2	−14·59	− 0·77	960	452				1234
448	93 28 37·70	50·71	1	−14·59	− 0·08						1240
449	123 6 25·98	51·54	3	−14·58	+ 0·23	953	451				1239
450	98 15 26·95	50·70	2	−14·56	+ 1·17						1243

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
451	949	2·3	92 Ceti - - - α	2 54 26·55	52·16	29	+3·127	0·00
452	951	6	Piazzi II–248 - -	2 55 9·86	52·00	1	+2·565	+0·29*
453	952	6·5	9 Eridani - - ρ^2	2 55 20·80	51·89	3	+2·936	−0·03
454	954	5	11 Eridani - - τ^3	2 55 46·70	51·67	3	+2·653	−0·28
455	956	5	Cape 1840 Cat., No. 295	2 55 58·41	51·94	2	+1·109	+0·05
456	958	6·7	Horologii - - -	2 56 48·08	52·24	3	+1·141	+0·04
457		7	Taylor 1038 - - -	2 56 48·99	51·94	2	+2·031	−0·14
458	959	5	10 Eridani - - ρ^3	2 56 54·72	51·98	2	+2·936	−0·23
459	961	6·5	Cape 1840 Cat., No. 297	2 57 48·40	51·84	2	+2·047	−0·05
460	964	6	Piazzi II–258 - -	2 58 32·81	51·70	4	+2·148	−0·15
461	968	6·7	Taylor 1047 - -	2 59 32·71	51·59	4	+1·341	−0·30
462	970	6·7	Taylor 1048 - -	2 59 51·56	51·72	2	+1·865	+0·18
463		7	Horologii - - -	2 59 55·54	51·75	1	+1·865	+0·10
464	972	5	Taylor 1052 - -	3 0 5·12	51·03	1	+1·411	−0·37
465	973	7·6	Taylor 1057 - -	3 0 28·06	51·91	1	+1·331	+0·60
466	978	6	Piazzi II–267 - -	3 1 26				
467	982	6·5	Hydri - - - θ	3 1 59·24	51·23	3	+0·048	−0·13
468	984	6·7	Taylor 1068 - -	3 2 46·46	51·70	3	+2·376	−0·33
469	986	4·5	57 Arietis - - δ	3 3 3·65	52·90	1	+3·405	−0·06
470	992	7·6	Taylor 1081 - -	3 4 54·84	51·85	2	+1·276	−0·18
471	994	5	94 Ceti - - - -	3 5 7·38	51·66	3	+3·041	−0·12
472	996	6	Taylor 1084 - - -	3 5 34·98	51·72	2	+1·945	−0·11
473	997	4·3	12 Eridani - - -	3 5 42·13	51·94	2	+2·521	−0·18
474	1000	6	Cape 1840 Cat., No. 309	3 6 41·18	51·96	2	+0·422	−0·44
475	1002	7	Taylor 1092 - - -	3 6 54·63	51·34	6	+1·490	−0·46
476	1003	6·7	Piazzi III–17 - -	3 7 9·05	51·83	2	+2·350	−0·10
477	1004	6	Piazzi III–19 - -	3 7 9·80	51·81	2	+2·097	+0·06
478	1005	6·7	Piazzi III–18 - -	3 7 22·69	51·94	2	+2·500	−0·15
479	1009	6·7	Taylor 1103 - - -	3 8 10·16	51·97	3	+2·268	+0·01
480	1010	7·6	Bradley 456 - - -	3 8 14·28	51·71	2	+2·910	+0·12
481	1013	5	13 Eridani - - ζ	3 8 33·03	51·64	2	+2·909	−0·05
482	1012	6	Piazzi III–24 - -	3 8 33·36	51·93	4	+2·579	−0·07
483	1014	5·6	Taylor 1108 - -	3 8 45·56	51·96	2	+1·508	−0·30
484	1015	6	Piazzi III–25 - -	3 8 46·27	51·99	2	+2·355	+0·05
485	1016	6	14 Eridani - - -	3 9 19·64	51·67	2	+2·902	+0·03
486	1019	6·7	Taylor 1114 - -	3 10 0·43	51·94	2	+2·470	−0·19
487	1020	6·7	Taylor 1115 - -	3 10 1·83	51·71	4	+2·042	−0·43
488	1021	6·7	Piazzi III–35 - -	3 10 40·32	52·00	2	+2·346	−0·12
489	1022	5	95 Ceti - - - -	3 10 42·16	51·86	3	+3·046	−0·06
490	1027	6·7	Taylor 1129 - - -	3 11 28·69	51·50	4	+3·349	−0·12
491	1031	5	15 Eridani - - -	3 11 44·25	51·98	2	+2·648	+0·01
492	1033	6	Taylor 1134 - - -	3 12 33·57	51·93	2	+1·953	−0·38
493	1038	5	Mensae - - -	3 12 48·22	51·61	3	−2·334	+0·46
494	1036	6·7	Cape 1840 Cat., No. 325	3 12 48				
495	1037	4	16 Eridani - - τ^4	3 12 50·93	51·65	2	+2·662	−0·20

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457. This star was observed for B.A.C. 969. There is no star in the B.A.C. place.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			′	″						
451	86 30						453	52		129	1250
452	118 40 6·69	51·43	3	−14·48	+12·12*	963	457				1255
453	98 16 43·58	50·70	2	−14·47	− 1·36				55	5	1257
454	114 12 55·83	50·73	1	−14·44	+ 0·79	968	460	53	56		1258
455	154 40						462				1256
456	154 13 26·43	50·82	2	−14·38	− 0·57		465				1260
457	138 9						463				1261
458	98 11 26·59	50·68	1	−14·37	− 0·84				57		1262
459	137 33 52·54	51·44	3	−14·32	+ 1·98	974	466				1263
460	134 29 11·25	51·52	4	−14·27	− 0·44	976	469				1266
461	151 23					985	472				1269
462	141 54 37·98	51·21	2	−14·19	− 3·08	982	473				1273
463	141 54										1275
464	150 19 16·01	51·08	3	−14·18	+ 1·97	989	476				1272
465	151 25 35·58	50·76	3	−14·15	− 0·58		477				1277
466	118 24 31·98	50·69	1	−14·09	+ 1·11	984	479				1288
467	162 29					1001	482		58		1286
468	126 0 13·31	51·45	3	−14·01	+ 3·49	993	481				1292
469	70 50										1295
470	151 43 27·94	51·32	4	−13·87	+ 0·31		491				1302
471	91 45 38·57	50·68	1	−13·86	− 1·17						1311
472	139 18 10·10	51·41	3	−13·83	+ 0·88	1006	495				1309
473	119 34 51·07	51·43	3	−13·82	− 0·04	1000	493	55	59		1317
474	159 50 12·75	50·76	2	−13·76	+ 0·25	1035	504				1316
475	148 22 38·62	51·09	3	−13·75	− 0·35	1023	503				1323
476	126 30 29·08	51·27	2	−13·73	− 0·44	1014	500				1330
477	134 59 3·08	51·24	2	−13·73	+ 1·39	1016	501				1328
478	120 22 4·18	51·28	2	−13·72	− 2·54	1015	502				1332
479	129 22 9·66	51·29	2	−13·67	+ 0·96	1018	508				1337
480	99 19 43·72	50·68	2	−13·66	+ 0·38						1341
481	99 22 47·14	50·68	2	−13·64	− 0·72				60		1345
482	116 39 32·71	51·26	2	−13·64	+ 1·27	1021	509				1343
483	147 53 4·06	51·53	3	−13·63	+ 1·24	1040	511				1339
484	126 7 4·60	51·26	2	−13·63	+ 0·17	1020	510				1344
485	99 42 45·37	50·71	1	−13·59	+ 0·44						1350
486	121 23 1·76	51·24	2	−13·55	+ 0·28	1034	515				1356
487	136 13 39·38	50·93	4	−13·55	− 1·61	1042	516				1354
488	126 14 45·09	51·25	2	−13·51	− 0·52	1045	518				1360
489	91 28 48·37	50·73	1	−13·50	− 1·19						1365
490	150 4 9·97	50·18	5	−13·45	+ 0·14	1057	521				1364
491	113 3 45·03	51·09	3	−13·44	− 1·01	1051	520				1371
492	138 18 12·36	51·41	3	−13·38	− 0·15	1058	523				1374
493	169 33 24·28	50·75	1	−13·37	− 2·25	1105					1359
494	154 59 42·11	50·89	2	−13·37	+ 0·06	1069	529				1373
495	112 18 24·67	50·68	1	−13·36	− 0·65		522	56	61		1377

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
496	1039	6·5	Taylor 1139	3 13 2·46	51·71	2	+2·612	+0·01
497	1042	7·6	Taylor 1142	3 13 24·09	51·90	2	+2·357	−0·16
498	1043	2	33 Persei, α	3 13 38·20	52·27	3	+4·235	+0·07
499	1044	4	Piazzi III–47	3 13 56·84	51·72	2	+2·116	+0·29
500	1046	7	Taylor 1146	3 14 19·57	51·98	3	+2·563	−0·22
501	1047	6	Taylor 1147	3 14 20·94	51·95	5	+2·556	+0·03
502	1048	5·6	Reticuli, ζ^1	3 14 31·22	51·64	1	+1·089	+0·47
503	1049	6	Taylor 1149	3 14 50				
504	1051	5·6	Reticuli, ζ^2	3 14 58·35	51·65	2	+1·092	−0·20
505	1054	6	Taylor 1153	3 15 49·37	51·80	2	+2·576	−0·02
506	1056	6	Cape 1840 Cat., No. 332	3 16 18·25	51·68	1	+0·635	−0·27
507	1057	4	1 Tauri, o	3 16 44·73	52·15	3	+3·222	−0·08
508	1060	6·7	Taylor 1163	3 17 43·37	51·70	3	+2·405	−0·14
509	1070	5·6	Hydri, ι	3 19 48·15	51·34	4	−1·716	+0·22
510	1073	6·7	Taylor 1176	3 20 2·69	51·22	3	+2·530	−0·15
511	1074	6·7	Fornacis, χ^1	3 20 8·26	51·70	2	+2·314	−0·09
512	1075	6·7	Taylor 1180	3 20 8·95	51·70	3	+1·778	+0·05
513		7	Taylor 1179	3 20 11·43	51·70	2	+2·314	−0·07
514	1077	6	Piazzi III–73	3 20 50·32	51·87	2	+2·140	−0·18
515	1082	6	Piazzi III–76	3 21 44·68	51·24	2	+2·316	+0·21
516	1085	6·7	Fornacis, χ^2	3 22 24·49	51·89	5	+2·310	−0·09
517	1086	6·7	Piazzi III–81	3 22 34·01	51·91	2	+2·059	+0·21
518	1087	5·6	5 Tauri, f	3 22 35·81	52·18	3	+3·298	+0·05
519	1090	4	17 Eridani	3 23 10·56	51·72	2	+2·969	+0·16
520	1091	6	Cape 1840 Cat., No. 344	3 23 25·92	51·97	3	+0·198	−0·03
521	1093	6·5	Piazzi III–88	3 24 52·97	51·67	2	+2·136	−0·07
522	1094	6	Cape 1840 Cat., No. 347	3 24 56·45	51·98	2	+0·228	−0·18
523	1098	6·5	Taylor 1207	3 25 48·26	51·70	4	+1·914	+0·23
524	1100	3·4	18 Eridani, ϵ	3 25 51·92	51·60	3	+2·887	−0·06
525	1103	6·5	Cape 1840 Cat., No. 350	3 26 46·44	51·33	4	+0·969	+1·07*
526	1104	4	19 Eridani, τ^5	3 27 9·85	51·77	2	+2·643	+0·12
527	1106	6	Taylor 1215	3 28 6·58	51·72	2	+1·774	+0·22
528	1108	6	Cape 1840 Cat., No. 353	3 28 18·88	51·02	2	−1·593	−0·63
529	1109	7·6	Taylor 1218	3 28 32·96	51·95	2	+2·401	−0·19
530	1110	6·7	Bradley 496	3 29 5				
531	1112	4·5	10 Tauri	3 29 13·29	51·81	2	+3·070	−0·43*
532	1113	6·5	Cape 1840 Cat., No. 356	3 29 20·64	51·67	2	+0·578	+0·09
533	1115	6	20 Eridani	3 29 27·60	51·82	2	+2·728	−0·13
534	1118	6·7	Piazzi III–108	3 30 43·78	51·72	2	+2·036	0·00
535	1120	7·6	Taylor 1226	3 30 58·88	51·60	3	+2·345	−0·17
536	1121	6·7	Taylor 1227	3 31 1·57	51·24	3	+2·448	+0·08
537	1122	7·6	Taylor 1230	3 31 23·27	52·03	1	+2·274	−0·24
538	1124	6	21 Eridani	3 31 37·00	51·75	2	+2·956	−0·10
539	1125	5·4	Piazzi III–113	3 31 42·85	51·67	3	+2·151	−0·15
540	1130	6	Piazzi III–114	3 32 33·35	51·93	2	+2·491	−0·06

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
496	114 40 8·61	51·29	2	−13·35	+ 1·85	1055	526				1380
497	125 33 0·78	51·27	2	−13·33	+ 0·34	1059	528				1381
498	40 40										1392
499	133 38					1060	530		62		1384
500	116 50 15·75	51·27	2	−13·27	− 4·08	1063	531				1388
501	117 9 5·13	51·60	3	−13·27	− 0·92	1064	532				1390
502	153 9					1074	536				1385
503	114 10 33·89	51·33	2	−13·23	+ 2·56	1067	534				1395
504	153 4					1077	537				1389
505	116 7 40·67	51·21	2	−13·17	− 1·58	1071	538				1401
506	157 28 20·70	50·76	2	−13·14	− 0·42	1092	540				1397
507	81 30										1407
508	123 14 31·17	50·20	2	−13·04	+ 0·75	1081	543				1410
509	167 56					1131	554				1412
510	117 50 50·54	51·55	3	−12·89	− 0·32	1096	548				1429
511	126 26 56·06	51·42	3	−12·88	+ 1·08	1101	549				1428
512	141 35 36·67	51·13	3	−12·88	+ 0·53	1106	551				1426
513	126 29					1103	550				1430
514	132 9 55·59	51·39	3	−12·84	− 0·64	1107	552				1433
515	126 12 19·02	51·24	2	−12·77	+ 0·06	1108	555				1440
516	126 22 29·92	51·24	4	−12·73	+ 1·76	1111	556				1446
517	134 22 47·90	51·40	3	−12·72	− 3·01	1117	557				1447
518	77 34							57			1450
519	95 35 33·18	50·67	1	−12·68	+ 1·61			58	63		1453
520	160 9 6·55	51·14	3	−12·66	+ 0·42	1132	559				1445
521	131 52 42·96	51·20	2	−12·56	+ 3·29	1125	561				1461
522	159 51 40·19	50·78	2	−12·56	− 0·46	1139	564				1454
523	137 53 22·15	51·20	2	−12·50	+ 1·10	1130	565				1464
524	99 58 11·84	50·58	1	−12·49	− 4·24				64		1467
525	153 27					1143	566				1468
526	112 8 20·61	51·36	3	−12·41	− 0·39			59	65		1471
527	140 53 22·28	51·40	3	−12·34	− 0·72	1144	567				1474
528	167 15					1185	571				1469
529	122 22 44·24	51·25	2	−12·31	− 0·35	1138	569				1480
530	89 54 17·89	50·71	1	−12·27							
531	90 4 36·95	50·71	1	−12·26	−17·70*				66		1489
532	156 59 53·26	50·80	2	−12·26	+ 0·34	1164	572				1479
533	107 58 2·05	50·67	1	−12·25	− 1·20						1490
534	134 12 59·43	51·13	2	−12·16	− 2·24	1154	573				1498
535	124 16					1153	574				1501
536	120 19					1152	575				1502
537	126 47 19·91	51·45	3	−12·11	− 0·40	1155	576				1505
538	96 6 38·28	50·73	1	−12·10	+ 5·95*						1511
539	130 46 5·92	51·22	2	−12·09	+ 3·82	1161	578	61	67		1508
540	118 26 9·91	51·27	2	−12·03	− 0·86	1163	579				1518

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				h m s			s	s
541	1131	6	Cape 1840 Cat., No. 361	3 32 44·64	51·62	3	+0·637	−0·08
542	1134	5·6	22 Eridani - - -	3 33 13·14	51·84	1	+2·964	−0·25
543	1136	6·7	Piazzi III–126 - -	3 34 24·02	51·71	2	+2·140	−0·23
544	1141	6	Taylor 1256 - - -	3 35 10·80	51·66	3	+1·182	−0·37
545		6·5	Hydri - - - -	3 35 34·68	51·01	4	−2·410	−0·19
546	1145	6·7	Piazzi III–140 - -	3 35 50·92	51·71	2	+2·122	−0·03
547	1147	5·6	17 Tauri - - - -	3 35 58·51	52·30	3	+3·545	−0·04
548	1148	3	23 Eridani - - δ	3 36 3·73	51·70	1	+2·875	+0·18
549	1150	5	Piazzi III–142 - -	3 36 17·08	51·64	2	+2·383	−0·18
550	1152	6·5	Piazzi III–138 - -	3 36 24·10	51·84	2	+2·861	−0·03
551	1153	6	24 Eridani - - -	3 36 53·46	51·72	1	+3·040	+0·11
552	1158	6	25 Eridani - - -	3 37 16·59	51·82	1	+3·056	+0·25
553	1159	4	Eridani - - υ^1	3 37 16·66	51·96	3	+2·229	−0·22
554	1160	6·7	Taylor 1277 - - -	3 37 21·25	51·72	1	+1·929	−0·45
555	1166	3	25 Tauri - - - η	3 38 34·51	52·79	11	+3·548	+0·10
556	1167	6·7	Taylor 1284 - - -	3 38 48·07	51·83	2	+2·118	−0·07
557	1168	5·6	26 Eridani - - π	3 39 3·29	51·68	2	+2·827	0·00
558	1169	7	Taylor 1288 - - -	3 39 19·39	51·68	2	+2·176	−0·35
559	1174	5	30 Tauri - - - e	3 40 2·98	52·15	3	+3·277	
560	1179	6·5	Piazzi III–169 - -	3 40 20·63	51·88	2	+2·443	−0·20
561	1181	5·4	27 Eridani - - τ^6	3 40 23·79	51·64	2	+2·589	−0·02
562	1183	6	Taylor 1302 - - -	3 40 28·54	51·71	2	+1·507	−0·20
563	1184	5·6	Taylor 1304 - - -	3 40 36·61	51·96	2	+1·859	−0·25
564	1185	6·5	Taylor 1307 - - -	3 40 44·79	51·93	1	+1·518	−0·03
565	1191	6	28 Eridani - - τ^7	3 41 12·46	51·68	2	+2·573	+0·26
566	1193	7·6	Bradley 531 - - -	3 41 42·34	51·72	1	+3·034	+0·01
567	1194	6·5	Piazzi III–176 - -	3 41 52·61	51·99	3	+2·419	+0·06
568	1196	6	Piazzi III–180 - -	3 42 11·13	51·96	4	+2·253	−0·15
569	1197	3·4	Taylor 1318 - - -	3 42 20·40	51·94	1	+0·675	−0·16
570	1198	6	Mensæ - - -	3 42 20·58	51·62	3	−2·501	−0·34
571	1199	5·6	Piazzi III–182 - -	3 43 3·89	51·69	3	+2·205	0·00
572	1200	6·7	Mensæ - - -	3 43 17·17	52·02	2	−2·942	−0·69
573	1201	4	Eridani - - υ^2	3 43 50·52	51·83	1	+2·246	−0·14
574	1205	7·6	Bradley 536 - - -	3 44 31·94	51·72	2	+3·040	−0·09
575	1208	7	Taylor 1332 - - -	3 44 44·93	51·71	2	+2·028	−0·16
576	1209	7·6	29 Eridani - - -	3 45 5·45	52·23	2	+2·963	−0·10
577	1212	6	30 Eridani - - -	3 45 17·24	51·66	2	+2·957	−0·09
578	1213	6·7	Piazzi III–193 - -	3 45 20·47	51·82	2	+2·155	−0·20
579		5·6	Hydri - - - -	3 46 13·06	51·62	3	−0·387	+0·14
580	1216	5	32 Eridani - - -	3 46 45·73	51·68	2	+3·004	+0·06
581	1217	5	33 Eridani - - τ^8	3 47 19·81	51·77	3	+2·547	+0·02
582	1218	7	Hydri - - - -	3 47 45·40	51·98	2	−0·067	−0·27
583	1220	4	Eridani - - υ^3	3 47 56·24	51·70	3	+2·280	−0·29
584	1222	7·6	Taylor 1347 - - -	3 48 5·72	51·85	2	+2·471	+0·06
585	1224	7·6	Taylor 1348 - - -	3 48 15·83	51·84	2	+2·072	−0·21

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

571. The companion was observed in R.A. on September 15, 1851. It follows B.A.C. 1199 by 0s·16.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
541	156 15					1188	582				1510
542	95 41 56·01	50·72	3	−11·98	−1·04						1524
543	130 50 26·83	51·37	3	−11·90	−1·01	1181	583				1529
544	150 16 2·69	51·41	3	−11·85	−1·75	1197	586				1533
545	168 51 4·30	49·86	2	−11·82	+1·47		593				1521
546	131 15 7·10	51·20	2	−11·80	−0·26	1190	587				1543
547	66 21										1551
548	100 16 29·20	50·63	1	−11·78	−1·66			62	68		1548
549	122 25 13·29	51·44	3	−11·77	+0·17	1191	589		69		1547
550	100 57 52·00	50·69	1	−11·76	−0·34						1552
551	91 38 23·49	50·71	1	−11·73	+0·28						1558
552	90 46 21·59	50·71	1	−11·70	−1·08						1561
553	127 47 21·30	51·80	1	−11·70	+1·30	1198	591		70		1557
554	136 26 17·97	51·40	3	−11·69	−0·04	1208	592				1555
555	66 21									155	1571
556	131 7 54·32	51·44	3	−11·59	−1·05	1214	594				1567
557	102 34 31·48	50·63	1	−11·57	−1·16				71		1574
558	129 17 33·85	51·27	2	−11·55	+1·33	1217	595				1572
559	79 19							63			
560	119 48 26·49	51·28	2	−11·48	+0·22	1224	598				1588
561	113 41 45·31	51·32	2	−11·48	+0·68	1220	597	64	72		1591
562	144 57 15·71	51·73	1	−11·47	−1·26		605				1583
563	137 49 44·63	51·26	2	−11·46	+1·49	1232	601				1587
564	144 44 50·72	51·24	2	−11·45	+0·62	1237	602				1586
565	114 20 32·32	50·71	1	−11·42	−0·04	1226	603		73		1598
566	91 54 50·34	51·84	1	−11·38	+1·79						1603
567	120 37 21·03	51·35	2	−11·37	+7·52*	1234	608				1601
568	126 34 14·18	51·13	3	−11·35	−0·58	1238	609				1604
569	155 16 47·10	51·47	3	−11·34	−0·57	1253			74		1599
570	168 48					1296	614				1580
571	128 4 52·58	51·28	2	−11·28	−0·19	1244	610	65	75		1612
572	169 34 39·60	51·21	3	−11·26	+1·06	1307	617				1592
573	126 39 25·65	51·03	3	−11·23	+1·73	1248	612		76		1616
574	91 36 8·41	50·69	1	−11·18	+0·79						1633
575	133 11					1255	615				1628
576	95 30 28·42	50·92	1	−11·14	−0·36						1640
577	95 48 46·92	50·81	1	−11·12	+1·74						1641
578	129 26 16·58	51·46	3	−11·12	−0·31	1256	616				1638
579	162 7					1298					1632
580	93 24 7·07	50·69	1	−11·01	+0·72			67	77		1648
581	115 3 32·71	51·28	2	−10·97	+1·87	1270	618				1649
582	160 20 39·97	50·83	3	−10·94	+2·00	1301	623				1645
583	125 10 41·60	51·32	2	−10·93	+0·95	1275	620		78		1655
584	118 6 55·50	51·33	2	−10·92	−0·22	1273	621				1659
585	131 40 18·62	51·26	2	−10·90	−2·29	1282	622				1658

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
586	1225	6·5	Taylor 1351 - - -	3 48 54·64	51·97	2	+1·851	+0·05
587		7·8	Horologii - - -	3 48 54·93	51·97	1	+1·852	+0·19
588	1227	6	Piazzi III–206 - -	3 49 7·94	51·99	2	+2·100	−0·07
589	1229	7·6	Bradley 544 - - -	3 49 28·61	52·00	2	+2·789	−0·14
590	1230	3·4	Hydri - - - γ	3 49 37·43	52·65	16	−1·045	−0·03
591	1231	6·7	Piazzi III–209 - -	3 49 52·50	51·70	2	+2·151	−0·04
592	1232	6·5	Taylor 1356 - -	3 49 56				
593	1233	6·7	Taylor 1359 - -	3 50 37				
594	1234	3	34 Eridani - - γ^1	3 51 2·00	52·38	31	+2·790	0·00
595	1236	6·7	Piazzi III–216 - -	3 51 7·49	51·76	2	+2·142	−0·13
596	1241	4	35 Tauri - - - λ	3 52 22·59	51·93	3	+3·313	
597	1243	5·4	36 Eridani - - τ^9	3 53 32·02	51·91	2	+2·553	−0·15
598	1245	6·5	35 Eridani - - -	3 53 56·11	51·69	2	+3·032	+0·10
599	1246	6·7	Taylor 1375 - - -	3 53 57·74	51·73	2	+1·710	−0·22
600	1248	6	Cape 1840 Cat., No. 399	3 54 8·15	51·22	3	+0·742	−0·05
601	1249	6	Piazzi III–230 - -	3 54 26·27	51·78	2	+1·955	−0·05
602	1250	6	Piazzi III–229 - -	3 54 41·73	51·98	3	+2·387	−0·06
603	1255	5·6	Taylor 1392 - - -	3 55 30·22	51·70	3	+1·272	−0·19
604	1258	6·7	Taylor 1398 - - -	3 56 18·88	51·75	2	+1·311	−0·01
605	1259	4	Reticuli - - δ	3 56 22·98	51·63	3	+0·929	−0·04
606		7·8	Taylor 1413 - - -	3 57 58·67	51·02	2	+1·931	−0·13
607		7	Taylor 1415 - -	3 58 9·99	51·04	2	+1·927	−0·37
608	1270	5	Reticuli - - γ	3 58 44·46	51·73	3	+0·846	−0·20
609	1271	4·5	Reticuli - - ι	3 58 52·98	51·71	2	+0·944	+0·06
610	1273	6	Piazzi III–251 - -	3 59 26·53	51·77	2	+2·454	+0·46*
611	1277	7	Taylor 1431 - - -	4 1 23·78	51·66	2	+1·109	+0·27
612	1278	6·7	Cape 1840 Cat., No. 411	4 1 39·00	51·24	3	−0·420	−0·27
613	1283	6	Taylor 1438 - - -	4 2 37·68	51·63	2	+1·680	−0·07
614	1284	6	37 Eridani - - -	4 3 3·69	51·74	2	+2·921	−0·04
615	1288	6	Taylor 1447 - - -	4 3 54·98	51·71	2	+1·849	+0·04
616	1290	4·5	38 Eridani - - o^1	4 4 32·65	51·71	2	+2·922	+0·15
617	1294	6·7	Taylor 1456 - - -	4 5 11·48	51·84	3	+2·229	−0·26
618	1297	6	Cape 1840 Cat., No. 415	4 5 44·75	51·65	2	+0·595	−0·18
619	1299	5	Horologii - - δ	4 5 47·89	51·64	2	+1·999	−0·28
620	1303	5	39 Eridani - - A	4 7 15·72	51·66	2	+2·849	+0·02
621	1306	6	Piazzi IV–30 - -	4 7 45·49	51·71	3	+1·901	−0·16
622	1308	7·6	Taylor 1473 - -	4 8 6·20	51·02	2	+2·375	+0·03
623	1309	4	40 Eridani - - o^2	4 8 21·88	51·24	3	+2·907	+0·03
624	1310	6·7	Taylor 1476 - -	4 8 27·21	51·73	3	+2·053	−0·03
625	1312	6·7	Taylor 1477 - - -	4 8 31·90	51·95	2	+2·167	−0·15
626	1315	4·5	Horologii - - α	4 9 2·04	51·75	2	+1·980	−0·06
627	1317	7	Taylor 1481 - - -	4 9 33·65	51·92	3	+1·822	−0·01
628	1319	6	Cape 1840 Cat., No. 420	4 9 38·99	51·06	2	−3·043	+0·24
629	1325	6·7	Taylor 1489 - - -	4 10 47·14	51·97	3	+1·139	−0·20
630	1327	7	Taylor 1491 - - -	4 11 13·89	51·98	3	+2·099	−0·03

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
586	137 20 13·14	51·22	2	−10·86	− 1·55	1287	624				1661
587	137 18										1662
588	130 48 2·26	51·26	2	−10·84	− 0·05	1286	625				1666
589	104 2 15·39	50·87	1	−10·81	− 0·59						1672
590	164 41 49·11	50·78	2	−10·80	+ 3·02	1322	629	68	79	15	1656
591	129 11 59·63	51·47	3	−10·79	+ 0·68	1293	626				1675
592	136 51 29·61	51·24	2	−10·78	+ 1·06	1297	627				1673
593	143 7 45·84	51·79	2	−10·73	+ 1·70	1304	628				1680
594	103 56 18·62	50·68	1	−10·70	+ 0·86			69	80	105	1683
595	129 23 56·63	51·10	3	−10·69	+ 0·65	1299	630				1681
596	77 56										
597	114 26 40·58	51·28	2	−10·51	+ 0·88	1312	632		81		1693
598	91 58 25·93	50·71	1	−10·48	+ 0·76			71	82		1697
599	140 2 29·09	51·07	3	−10·48	− 0·72	1318	633				1694
600	153 53 54·65	51·18	3	−10·47	+ 0·28	1327					1692
601	134 20 40·87	50·79	2	−10·45	− 1·02	1320	634				1696
602	120 54 57·32	51·35	2	−10·43	+ 0·21	1316	635				1698
603	147 31 46·52	51·45	3	−10·37	− 1·50	1330	639				1700
604	146 53 54·76	51·40	3	−10·31	+ 0·84	1335	641				1706
605	151 49 29·06	51·39	3	−10·30	+ 1·18	1338	642	72	83		1704
606	134 42						648				1728
607	134 48 16·32	50·94	5	−10·17	+ 2·80		650				1729
608	152 34 43·72	51·54	4	−10·12	+ 0·83	1357	653		84		1731
609	151 30 0·75	51·53	4	−10·11	− 2·15	1355	654				1732
610	118 3 55·50	51·27	2	−10·07	− 1·99	1344	649				1744
611	149 21 51·77	50·81	2	− 9·92	− 2·05		658				1753
612	161 34					1380	660				1751
613	140 1 55·85	51·42	3	− 9·83	− 0·71	1371	661				1759
614	97 19 10·44	50·71	1	− 9·80	+ 0·08			74			1766
615	136 15 48·48	51·61	5	− 9·73	+ 0·17	1376	663				1767
616	97 13 56·95	50·66	2	− 9·68	+ 0·21			75	85		1774
617	125 39 53·51	51·22	2	− 9·63	+ 0·61	1377	666				1777
618	154 37 59·18	50·73	3	− 9·59	− 1·47	1392	669				1775
619	132 23 15·22	51·40	3	− 9·59	− 1·74	1382	668				1780
620	100 37 59·93	50·69	1	− 9·47	+ 2·46				86		1789
621	134 45 13·46	51·43	3	− 9·43	− 0·96	1390	671				1790
622	120 29					1388	670				1795
623	97 53 24·99	50·82	2	− 9·39	+ 0·43				87		1801
624	130 44 28·56	51·40	3	− 9·38	− 0·14	1394	672				1797
625	127 24 42·01	51·33	2	− 9·37	− 0·73		673				1799
626	132 39 59·85	51·44	3	− 9·34	+ 0·39	1398	674	77	88		1802
627	136 30 27·17	51·22	2	− 9·29	+ 4·36	1402	675				1805
628	169 1 51·10	50·74	2	− 9·28	+ 2·78	1444	679				1785
629	148 24 7·57	51·21	2	− 9·20	+ 0·37	1413	677				1808
630	129 15 21·14	51·25	2	− 9·16	+ 0·18	1408	678				1815

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				h m s			s	s
631	1328	4	54 Tauri - - - γ	4 11 15·73	52·26	5	+3·396	−0·10
632	1331	4·5	Doradûs - - γ	4 12 6·15	51·64	3	+1·553	−0·08
633	1334	6	Eridani - - -	4 12 12·98	51·98	1	+2·557	−0·02
634	1333	4	41 Eridani - - υ^4	4 12 13·34	51·75	1	+2·262	−0·10
635	1336	4	Reticuli - - α	4 12 30·33	51·68	1	+0·745	−0·11
636	1340	6	Piazzi IV–56 - -	4 13 26·07	51·70	2	+2·504	+0·22
637	1344	5	Reticuli - - ϵ	4 13 54·31	51·70	3	+1·026	−0·35
638	1345	6	Taylor 1513 - -	4 14 5·91	51·84	2	+0·883	−0·36
639	1348	5	Piazzi IV–65 - -	4 14 32·05	51·65	1	+1·888	−0·04
640	1354	6	Taylor 1521 - -	4 14 58·32	51·96	4	+1·466	−0·05
641	1355	6	Piazzi IV–68 - -	4 15 17·78	51·66	3	+2·483	−0·06
642	1356	4·5	64 Tauri - - - δ^2	4 15 27·29	52·58	5	+3·440	
643	1358	6·7	Reticuli - - θ	4 16 0·52	51·99	4	+0·648	−0·29
644	1359	7	Reticuli - - -	4 16 5·79	51·03	3	+0·233	+0·25
645	1360	6	42 Eridani - - ξ	4 16 12·72	51·71	1	+2·985	+0·07
646	1368	5·6	Piazzi IV–81 - -	4 17 37·72	51·65	2	+2·198	−0·07
647	1372	4·3	43 Eridani - - υ^5	4 18 24·46	51·72	2	+2·245	−0·08
648	1374	6	Piazzi IV–92 - -	4 19 23·43	51·05	3	+2·220	−0·43
649	1375	6·7	Taylor 1555 - - -	4 19 49·88	51·71	2	+1·772	−0·18
650	1376	4·3	74 Tauri - - - ϵ	4 19 51·71	52·34	5	+3·484	+0·10
651	1383	4·5	Reticuli - - η	4 20 16·65	51·65	1	+0·613	+0·02
652	1385	6	Piazzi IV–98 - -	4 20 36·52	51·73	2	+1·878	−0·17
653	1387	7·6	Taylor 1565 - - -	4 21 17·20	51·90	2	+1·170	−0·39
654	1389	7·6	Taylor 1567 - - -	4 21 34·41	51·81	3	+2·019	−0·23
655	1396	6·5	Taylor 1577 - -	4 22 41·80	51·97	2	+1·752	−0·03
656	1400	5·6	Taylor 1582 - - -	4 23 0·86	52·09	1	+0·818	0·00
657	1401	6·7	Taylor 1581 - - -	4 23 15·08	51·96	2	+1·961	−0·19
658	1403	6	45 Eridani - - -	4 24 12·48	51·89	2	+3·063	+0·02
659	1404	6·7	Piazzi IV–115 - -	4 24 30·52	51·97	3	+2·343	−0·15
660	1405	5·6	Taylor 1589 - -	4 24 53·94	51·98	2	+1·766	−0·10
661	1407	6	Piazzi IV–118 - -	4 25 12·69	51·99	2	+2·182	−0·22
662	1411	6·7	Piazzi IV–124 - -	4 25 54·74	52·00	2	+1·986	−0·15
663	1412	6	Cape 1840 Cat., No. 452	4 26 2·01	51·03	2	+0·679	−0·15
664	1413	5	Cæli - - - δ	4 26 14·76	52·02	2	+1·832	−0·14
665	1416	6	46 Eridani - - -	4 26 36·30	51·80	2	+2·919	0·00
666	1418	7·6	Bradley 633 - -	4 26 56·38	52·04	1	+2·916	−0·16
667	1419	6	47 Eridani - - -	4 26 58				
668	1420	1	87 Tauri - - - α	4 27 19·07	52·10	52	+3·428	−0·01
669	1422	5	50 Eridani - - υ^6	4 27 37·43	52·09	1	+2·359	+0·12
670	1423	7·6	Piazzi IV–132 - -	4 28 3·18	51·99	1	+2·395	−0·14
671	1426	6·5	Mensæ - - - δ	4 28 16·66	52·06	7	−4·334	+0·45
672	1427	6·7	Bradley 635 - - -	4 28 32				
673	1429	5·6	48 Eridani - - ν	4 28 49·73	52·06	1	+2·992	−0·12
674	1430	6·7	Taylor 1616 - -	4 29 2·86	52·00	1	+0·927	−0·39
675	1433	3·4	52 Eridani - - υ^7	4 29 43·30	52·05	2	+2·333	−0·20

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
631	74 44							79			1819
632	141 51 59·70	51·34	4	− 9·10	+ 0·76	1417	682		90		1817
633	113 20 23·19	50·74	2	− 9·09	− 1·44	1409					1824
634	124 10 3·40	51·40	3	− 9·09	− 0·94	1411	681		89		1822
635	152 51 0·42	50·78	2	− 9·07	+ 1·46	1423	683	80	91	24	1818
636	115 23 22·18	50·73	1	− 8·99	− 0·36	1415	684				1832
637	149 39					1428	685		92		1828
638	151 19 5·87	51·58	4	− 8·94	− 0·94	1430	686				1830
639	134 37 46·38	51·25	2	− 8·91	+ 1·11	1424	687				1840
640	143 13 35·46	51·22	2	− 8·87	− 0·79	1429	691				1842
641	116 5 5·00	51·29	2	− 8·85	+ 0·97	1422	690				1850
642	72 54										
643	153 37 13·72	50·79	3	− 8·79	− 1·28	1443	695		93		1848
644	157 2 45·76	51·10	3	− 8·78	+ 0·62		696				1847
645	94 5 44·92	50·69	1	− 8·77	+ 3·83						1855
646	125 53 49·21	51·22	2	− 8·66	− 0·53	1438	697				1863
647	124 22 4·81	51·39	3	− 8·60	− 0·93	1441	699		94		1866
648	125 5 56·36	50·76	2	− 8·52	+ 2·83	1447	701				1875
649	136 59 25·25	51·42	3	− 8·49	+ 1·38	1454	704				1877
650	71 9										1884
651	153 44 36·33	50·83	4	− 8·45	− 1·41	1473	707	84	95		1876
652	134 30 25·27	50·74	2	− 8·43	− 2·25	1458	706				1882
653	147 24 43·79	51·24	2	− 8·37	+ 1·93	1475	713				1889
654	130 52 11·94	51·63	6	− 8·35	− 1·08	1464	712				1897
655	137 16 21·39	51·30	2	− 8·26	+ 8·36*	1479	714				1905
656	151 34 44·25	51·22	2	− 8·24	− 0·96	1496	718				1902
657	132 17 38·28	51·58	3	− 8·22	+ 0·28	1484	717				1913
658	90 22 13·11	50·73	1	− 8·14	− 0·72						1924
659	120 46 22·03	51·35	2	− 8·12	+ 0·42	1488	720				1923
660	136 50 44·63	51·25	2	− 8·08	+ 0·83	1498	722				1926
661	125 58 52·14	51·34	2	− 8·06	+ 0·54	1495	723				1930
662	131 29 55·84	51·23	2	− 8·00	− 1·11	1508	726				1944
663	152 51 5·79	51·04	4	− 8·00	+ 0·27	1523					1934
664	135 16 41·38	51·22	2	− 7·98	+ 0·54	1512	727	85	96		1947
665	97 3 28·73	50·72	1	− 7·95	− 2·52						1951
666	97 9 15·13	50·72	1	− 7·92	− 0·38						1954
667	98 32 56·78	50·86	2	− 7·92	+ 0·78				97		1955
668	73 47						730	87		148	1962
669	120 4 22·56	51·47	3	− 7·87	+ 0·58	1513	732				1959
670	118 45 50·40	51·95	1	− 7·83	+ 1·99	1516	735				1964
671	170 33					1579	743				1929
672	93 55 22·39	50·92	1	− 7·79	+ 2·36						1969
673	93 39 50·34	50·76	1	− 7·77	− 2·31				98		1979
674	150 5 10·66	51·43	3	− 7·75	− 0·04	1535	739				1965
675	120 52 20·29	51·64	3	− 7·70	+ 0·94	1529	740	88	99	83	1981

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
676	1435	5	51 Eridani - - *c*	4 30 3·38	51·78	2	+3·011	−0·12
677	1438	3·4	Doradûs - - *α*	4 30 45				
678	1439	6·5	Piazzi IV–151 - -	4 31 1·69	51·66	3	+2·326	−0·18
679	1440	7·6	Piazzi IV–153 - -	4 31 15·07	51·89	2	+2·335	−0·20
680	1441	4	53 Eridani - - -	4 31 18·79	51·98	3	+2·748	−0·04
681	1446	6·5	Bradley 650 - - -	4 32 25·97	51·99	2	+2·746	+0·04
682	1447	6	Piazzi IV–160 - -	4 32 26·45	51·90	2	+1·947	−0·07
683	1449	5	94 Tauri - - - *τ*	4 33 14·82	52·50	3	+3·589	+0·01
684	1450	6	Piazzi IV–167 - -	4 33 52·59	51·97	2	+2·497	−0·17
685	1451	5	54 Eridani - - -	4 33 52·93	51·73	1	+2·619	−0·09
686	1454	6	Cape 1840 Cat., No. 471	4 34 28·98	52·34	8	−5·690	+0·43
687	1455	6	Taylor 1654 - -	4 35 21·93	51·98	1	+1·477	−0·28
688	1458	5·4	Cæli - - - *α*	4 35 44·04	51·99	2	+1·942	−0·17
689	1461	7·6	55 Eridani - - -	4 36 23·14	51·78	2	+2·871	−0·01
690	1461	7·6	55 Eridani - - -	4 36 23·59	51·78	2	+2·871	+0·07
691	1464	5	Cæli - - - *β*	4 36 45·61	51·99	1	+2·114	+0·07
692	1465	6	56 Eridani - - -	4 36 52·95	51·97	2	+2·877	+0·03
693	1466	6·7	Cape 1840 Cat., No. 475	4 37 9				
694	1467	6	Piazzi IV–182 - -	4 37 21·53	51·93	3	+2·318	−0·14
695	1469	4·3	57 Eridani - - *μ*	4 38 0·40	51·73	2	+2·993	−0·18
696	1471	6·7	Taylor 1672 - - -	4 38 13·52	51·90	2	+2·409	−0·21
697	1472	6·5	Piazzi IV–192 - -	4 38 48·44	51·71	2	+1·967	+0·01
698	1473	5·6	Pictoris - - λ	4 38 55·93	51·73	2	+1·537	−0·10
699	1479	5·6	Taylor 1687 - - -	4 40 8·18	51·97	2	+1·431	−0·03
700	1480	6·7	Piazzi IV–196 - -	4 40 16·71	51·99	2	+2·214	−0·06
701	1482	6	Piazzi IV–197 - -	4 40 26·51	51·73	2	+2·392	−0·04
702	1481	6·7	Cape 1840 Cat., No. 487	4 40 37·86	51·07	2	−7·496	−0·22
703	1483	6	Piazzi IV–202 - -	4 40 51·50	51·98	2	+2·029	−0·31
704	1484	6	58 Eridani - - -	4 40 52·34	51·72	2	+2·681	+0·12
705	1487	6·7	59 Eridani - - -	4 41 47·65	51·78	2	+2·695	−0·05
706	1488	6	Piazzi IV–210 - -	4 41 58·57	51·93	3	+2·334	+0·01
707	1489	5·6	Doradûs - - *κ*	4 42 5·92	52·00	2	+0·887	+0·06
708	1498	5	60 Eridani - - -	4 43 26·01	51·73	3	+2·697	+0·14
709	1499	6	Piazzi IV–221 - -	4 43 57·13	51·72	2	+1·839	+0·06
710	1500	5	4 Orionis - - o^1	4 44 3·03	52·04	6	+3·386	
711	1502	5·6	Cape 1840 Cat., No. 491	4 44 35·09	51·02	2	−0·646	+0·30
712	1503	6·7	Taylor 1722 - - -	4 44 45·64	51·85	2	+0·930	−0·16
713	1506	5	Piazzi IV–230 - -	4 45 23·76	51·84	2	+1·947	−0·12
714	1507	5·6	61 Eridani - - *ω*	4 45 31·47	51·71	3	+2·944	+0·18
715	1511	6	Piazzi IV–237 - -	4 46 0·90	51·97	3	+2·178	−0·25
716	1513	6·7	Taylor 1735 - - -	4 46 23·17	51·99	2	+2·199	−0·09
717	1521	6	Taylor 1745 - - -	4 47 35·06	51·83	2	+1·340	−0·36
718		6·7	Taylor 1746 - - -	4 47 36·39	51·83	2	+1·339	−0·72*
719	1523	6	Taylor 1748 - - -	4 47 49·73	51·98	2	+1·445	−0·35
720	1529	5	62 Eridani - - *b*	4 49 1·06	51·73	2	+2·950	−0·02

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689, 690. It is doubtful which of these stars is referred to in the B.A.C. The B.A.C. place agrees with the second star in R.A. and with the first in N.P.D.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
676	92 46 39·91	50·72	2	− 7·67	+ 1·00						1984
677	145 21 23·35	50·69	1	− 7·61	+ 0·96	1539	744	89	100	41	1983
678	121 1 24·23	50·92	1	− 7·59	+ 0·71	1533	742				1987
679	120 44 8·75	51·33	2	− 7·57	+ 0·09	1534					1990
680	104 36 5·63	50·75	1	− 7·57	− 2·96				101		1993
681	104 39 12·26	50·75	1	− 7·48	+ 1·22						2000
682	132 10 41·28	51·56	4	− 7·48	− 1·83	1543	749				1997
683	67 20										2007
684	114 46 43·93	51·55	3	− 7·36	+ 0·45	1544	752				2008
685	109 57 47·71	51·46	3	− 7·36	− 1·38				102		2009
686	171 54					1639	764				1985
687	141 58 7·83	50·84	2	− 7·24	− 0·53	1558	756				2013
688	132 9 10·06	51·13	3	− 7·21	− 1·32	1556	757	90	103		2017
689	99 4 44·18	50·76	1	− 7·16	+ 1·07						2029
690	99 4 51·16	50·76	1	− 7·16	+ 0·41						2030
691	127 26 24·55	50·75	1	− 7·13	+ 0·09	1559	762		104		2028
692	98 47 15·63	50·92	1	− 7·12	+ 0·33						2033
693	152 40 19·93	50·84	2	− 7·09	− 0·02	1582	765				2024
694	121 2 50·90	51·34	2	− 7·08	+ 2·77	1564	763				2041
695	93 32 1·45	50·71	1	− 7·02	+ 1·54				105		2047
696	117 51 29·68	51·11	4	− 7·01	+ 1·34	1569	769				2044
697	131 20 48·51	51·47	3	− 6·96	− 1·16	1578	770				2052
698	140 45 56·29	51·57	4	− 6·95	− 1·56	1585	772				2050
699	142 32 40·02	51·23	2	− 6·85	− 0·23	1599	777				2059
700	124 16 51·94	51·44	2	− 6·84	− 1·33	1587	775				2064
701	118 21 44·57	50·82	1	− 6·82	− 1·34	1586	776				2066
702	173 12					1707	795				2019
703	129 37 47·47	51·46	3	− 6·79	+ 0·52	1594	779				2068
704	107 12 45·09	50·72	1	− 6·79	− 4·16						2072
705	106 35 56·25	51·58	3	− 6·71	− 0·35						2080
706	120 17 34·58	51·36	2	− 6·70	− 1·22	1601	783				2081
707	150 0 32·66	51·15	3	− 6·69	− 0·54	1614	784				2075
708	106 28 55·96	50·71	1	− 6·58	− 3·25						2090
709	134 14 43·60	51·23	2	− 6·53	− 1·75	1616	791				2094
710	76 0										
711	161 12					1654	801				2087
712	149 24 11·37	51·23	2	− 6·47	− 0·98	1632	797				2096
713	131 34 57·00	51·43	3	− 6·41	− 2·28	1626	799				2114
714	95 42 29·09	50·68	1	− 6·40	− 2·38			92	106		2118
715	125 9 38·90	51·34	2	− 6·36	+ 1·07	1628	802				2120
716	124 29 35·66	51·59	3	− 6·33	− 0·11	1630	806				2124
717	143 43 7·18	51·24	2	− 6·23	− 1·84	1650	810				2130
718	143 43 1·05	51·24	2	− 6·23	− 1·60		811				2131
719	141 58 41·27	51·84	3	− 6·21	+ 0·21	1651	815				2134
720	95 24 47·63	50·73	1	− 6·11	− 0·82						2143

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				h m s			s	s
721	1531	6·7	Taylor 1758	4 49 22·04	51·74	3	+2·450	+0·08
722	1532	7	Mensæ	4 49 28·65	51·37	4	−2·267	+1·03*
723	1533	6	Piazzi IV–260	4 49 53·59	51·72	2	+2·006	−0·09
724	1543	6	Taylor 1784	4 52 25·96	51·76	2	+0·959	+0·19
725	1544	6	63 Eridani	4 52 44·60	51·73	2	+2·834	+0·03
726	1545	5·6	64 Eridani	4 52 57				
727	1548	6	Doradûs	4 53 17·56	52·00	1	+0·065	−0·11
728	1551	4·5	102 Tauri ι	4 54 7·97	52·50	3	+3·572	
729	1552	6·5	65 Eridani ψ	4 54 10·13	51·75	2	+2·904	+0·06
730	1553	4	Piazzi IV–285	4 54 55·29	51·83	2	+2·597	−0·07
731		7	Cœli	4 55 32·98	51·96	2	+1·997	−0·13
732	1556	6	Mensæ	4 55 37·28	51·01	1	−1·041	+0·14
733	1557	5	11 Orionis	4 55 59·96	51·81	6	+3·420	
734	1559	5	Piazzi IV–289	4 56 3·87	51·86	2	+2·430	−0·03
735	1560	6	1 Leporis	4 56 25·18	51·99	3	+2·525	+0·05
736	1561	6·5	Piazzi IV–291	4 56 35·12	51·96	2	+1·994	−0·22
737	1564	6·7	Taylor 1813	4 56 42·42	51·89	2	+2·267	−0·15
738	1569	5	Pictoris η^1	4 58 53·65	51·73	2	+1·568	−0·43
739	1573	5·4	Cœli γ^1	4 59 0·76	51·98	2	+2·144	+0·24
740	1574	6·5	Cœli γ^2	4 59 4·95	52·00	2	+2·136	+0·03
741	1575	4·3	2 Leporis ϵ	4 59 6·71	51·79	2	+2·534	0·00
742	1576	6	Piazzi IV–310	4 59 6·72	52·00	1	+1·912	−0·17
743	1578	6	Piazzi IV–307	4 59 11·16	52·03	2	+2·431	−0·31
744	1579	6	66 Eridani	4 59 20·79	51·73	1	+2·961	+0·06
745	1580	7	Taylor 1836	4 59 22·43	52·08	1	+1·549	−0·07
746	1587	5·6	Mensæ	4 59 32·38	51·58	10	−1·803	+0·13
747	1588	3	67 Eridani β	5 0 28·64	51·83	2	+2·952	−0·08
748	1589	5	Pictoris η^2	5 1 5				
749	1591	5	15 Orionis	5 1 6·95	51·11	2	+3·427	
750	1592	5	Bradley 718	5 1 9·18	51·96	2	+2·869	+0·03
751	1593	6·5	68 Eridani	5 1 17·78	51·99	2	+2·966	+0·02
752	1595	6	Taylor 1852	5 1 52·32	52·09	1	+1·249	−0·17
753	1597	4	69 Eridani λ	5 1 58·26	51·87	2	+2·867	−0·21
754	1599	6	Taylor 1856	5 2 54·56	51·99	2	+2·132	−0·19
755	1600	5	Doradûs ζ	5 2 56·72	51·72	1	+1·023	−0·28
756	1603	7·6	Taylor 1861	5 3 41·52	52·03	2	+1·927	−0·38
757	1604	5·6	Bradley 724	5 4 22·93	51·93	3	+2·794	+0·02
758	1605	6·7	Taylor 1865	5 4 33·50	52·03	2	+1·204	+0·06
759	1606	5·6	Mensæ β	5 4 40·72	51·63	3	−0·813	−0·15
760	1607	6·7	Piazzi V–14	5 5 10·02	52·06	2	+1·793	+0·03
761	1608	5·4	3 Leporis ι	5 5 18·07	52·09	1	+2·793	+0·12
762	1613	1	13 Aurigæ α	5 5 36·98	52·34	2	+4·409	−0·07
763	1612	7	Doradûs μ	5 5 37·42	51·07	1	+0·627	−0·26
764	1615	6·7	Taylor 1873	5 5 43·23	51·10	1	+2·308	−0·01
765	1616	4	5 Leporis μ	5 6 11				

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
721	115 58					1648	817				2145
722	166 34					1702	828				2132
723	129 52 20·83	50·82	1	− 6·04	+ 0·12	1658	825				2148
724	148 47 20·20	51·47	3	− 5·83	− 0·87	1679	833				2160
725	100 29 12·05	50·83	1	− 5·80	+ 0·88			93	107		2170
726	102 45 46·78	50·73	1	− 5·78	+ 0·12						2172
727	156 54 53·73	50·80	2	− 5·76	+ 0·95	1701	837				2164
728	68 37										
729	97 23 53·84	50·73	1	− 5·68	− 0·73				108		2182
730	110 16 25·99	51·58	4	− 5·62	+ 0·67						2190
731	129 54					1690					2196
732	162 39					1721	851				2179
733	74 48										
734	116 29 28·06	51·53	3	− 5·52	− 0·06	1686	846				2197
735	113 0 47·84	51·44	2	− 5·49	+ 0·37	1691					2202
736	129 56 19·79	51·27	2	− 5·48	− 0·94	1700	849				2201
737	121 59					1695	848				2205
738	139 21 56·29	51·20	3	− 5·28	+ 0·05	1717	861				2216
739	125 41 28·07	51·47	3	− 5·27	+ 2·23	1712	858		110		2221
740	125 55 0·50	51·26	2	− 5·27	− 0·99	1713	860				2223
741	112 34 33·88	50·76	1	− 5·27	− 0·30				109		2225
742	131 57 44·33	51·29	2	− 5·27	− 4·03	1715	862				2220
743	116 21 29·87	51·55	3	− 5·26	+ 1·13	1710	859				2226
744	94 51 38·21	50·92	1	− 5·25	− 1·61						2228
745	139 42 17·92	51·30	2	− 5·24	− 0·54	1720	865				2222
746	165 9 52·26	50·93	3	− 5·19	+ 1·60	1752	872				2210
747	95 17 4·07	50·92	1	− 5·15	+ 1·62				111		2234
748	139 46 59·17	51·11	3	− 5·10	+ 1·02	1728	870				2232
749	74 35										
750	98 51 50·11	50·92	1	− 5·09	+ 1·27			97			2240
751	94 39 18·65	50·93	1	− 5·08	+ 0·50						2242
752	144 36 41·25	51·24	2	− 5·03	+ 0·20	1732	874				2239
753	98 57 0·66	50·92	1	− 5·02	+ 0·77			98	112		2248
754	125 54 52·33	51·44	2	− 4·94	+ 0·58	1731	876				2251
755	147 40 43·14	51·29	2	− 4·94	− 1·78	1744	878				2249
756	131 25 13·30	51·51	4	− 4·88	− 8·02*	1737	881				2256
757	102 2 22·37	51·44	2	− 4·82	− 0·10						2263
758	145 11 9·05	51·24	2	− 4·80	+ 0·36	1751	885				2260
759	161 31					1778	889				2253
760	134 31 46·39	51·63	3	− 4·75	− 2·13	1749	887				2267
761	102 3 11·23	51·44	2	− 4·74	+ 1·65				113		2275
762	44 9						883			169	2285
763	151 59					1766	891				2265
764	120 24 41·55	50·92	2	− 4·71	− 0·35	1747	882				2277
765	106 23 12·66	50·83	1	− 4·67	+ 0·20				114		2282

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				h m s			s	s
766	1617	5·4	4 Leporis - - κ	5 6 18				
767	1618	6·7	Bradley 729 - - -	5 6 20				
768	1621	6	Cape 1840 Cat., No. 528	5 6 24·16	51·81	3	+0·452	−0·03
769	1623	1	19 Orionis - - β	5 7 19·83	52·03	85	+2·879	−0·01
770	1628	6·7	Mensæ - - - -	5 8 21·59	52·15	1	−3·335	−0·31
771	1630	7·6	Piazzi V–30 - - -	5 8 27				
772	1633	6	Piazzi V–36 - - -	5 9 10·79	52·07	2	+2·118	−0·29
773	1634	5·6	Piazzi V–35 - - -	5 9 23·44	52·04	1	+2·403	−0·18
774	1638	4	20 Orionis - - τ	5 10 19·38	51·80	2	+2·910	−0·03
775	1641	6·7	Piazzi V–44 - - -	5 10 23·99	51·99	4	+2·153	−0·21
776	1640	6	Taylor 1903 - - -	5 10 24·57	52·02	2	+1·387	−0·10
777	1643	6	Bradley 743 - - -	5 10 46				
778	1644	7·6	Piazzi V–47 - - -	5 10 53·76	52·00	1	+2·199	−0·10
779	1650	5	Columbæ - - o	5 12 4·79	52·06	2	+2·153	−0·09
780	1652	7·6	Taylor 1920 - - -	5 12 11·63	52·05	1	+1·375	−0·19
781	1653	5·6	6 Leporis - - λ	5 12 39·86	51·73	1	+2·761	+0·08
782	1654	5	7 Leporis - - ν	5 13 1				
783	1655	6	Piazzi V–59 - - -	5 13 25·05	51·96	2	+2·388	−0·09
784	1657	6	Bradley 750 - - -	5 13 52·72	51·73	1	+3·058	−0·17
785	1659	5	Doradûs - - θ	5 13 52·88	52·09	1	−0·069	+0·10
786	1660	5·4	22 Orionis - - o	5 14 6·44	51·80	3	+3·059	−0·10
787	1664	7·6	Taylor 1938 - - -	5 14 39·47	51·91	1	+1·224	−0·29
788	1666	7·6	Piazzi V–69 - - -	5 14 56·66	52·00	3	+2·157	−0·17
789	1670	6·7	Piazzi V–70 - - -	5 15 37·05	52·02	2	+2·461	−0·24
790	1672	5	Pictoris - - ζ	5 15 41·54	52·04	1	+1·464	−0·10
791	1673	6	Piazzi V–74 - - -	5 15 51·26	52·07	1	+2·169	−0·25
792	1674	6·7	Taylor 1947 - - -	5 15 51·89	51·94	3	+1·654	−0·17
793	1677	6·7	Taylor 1948 - - -	5 16 3·62	51·65	3	+1·817	+0·04
794	1675	6	Cape 1840 Cat., No. 548	5 16 7·90	51·08	3	−7·119	−0·11
795	1678	6·7	Bradley 757 - - -	5 16 13·66	52·06	2	+3·048	+0·02
796	1679	6	8 Leporis - - -	5 16 38·44	52·00	2	+2·742	−0·04
797	1680	5	29 Orionis - - e	5 16 43				
798	1681	2	112 Tauri - - - β	5 16 48·85	51·60	15	+3·784	−0·13
799	1682	5·6	27 Orionis - - p	5 16 51				
800	1684	3·4	28 Orionis - - η	5 16 56·17	51·86	2	+3·013	+0·06
801	1686	6·7	Taylor 1964 - - -	5 17 2				
802	1688	7·6	Taylor 1963 - - -	5 17 10·48	51·95	1	+2·406	−0·17
803	1691	6·7	Taylor 1969 - - -	5 17 51·35	52·05	1	+1·405	−0·12
804	1693	6	Piazzi V–95 - - -	5 18 27				
805	1694	6·7	Piazzi V–94 - - -	5 18 28				
806	1695	5	114 Tauri - - - o	5 18 37·73	52·46	2	+3·597	
807	1697	6	Taylor 1984 - - -	5 18 41·38	52·15	2	+0·705	−0·07
808	1698	7	Taylor 1985 - - -	5 18 49·56	52·07	3	+1·232	−0·15
809	1704	5·6	Pictoris - - κ	5 19 36·65	51·76	2	+1·099	−0·05
810	1708	6	Piazzi V–102 - -	5 20 5·65	51·73	2	+2·790	−0·06

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
766	103 7 22·03	50·93	1	− 4·66	− 0·35				115		2283
767	98 19 43·49	50·79	3	− 4·65	+ 0·52						2284
768	153 35					1772	894				2272
769	98 22						893	99	116	115	2292
770	168 30 2·74	51·60	3	− 4·48	+ 1·62	1829	905				2274
771	126 0 1·12	51·47	3	− 4·47	+ 2·20	1767					2300
772	126 9 4·58	51·23	2	− 4·41	+ 1·34	1773	899				2304
773	117 6 53·66	51·55	4	− 4·39	− 0·12	1771	900				2308
774	97 0							100	117		2319
775	125 5 51·46	51·37	2	− 4·31	− 0·58	1783	904				2315
776	142 12 11·89	51·24	2	− 4·31	+ 0·06	1791	906				2313
777	103 41 1·41	50·79	1	− 4·27	+ 1·59			101			2322
778	123 42 17·96	51·55	2	− 4·26	+ 0·60	1786	907				2321
779	125 2 42·49	51·42	3	− 4·16	+ 1·24	1793	914				2335
780	142 20 59·47	51·33	2	− 4·15	− 0·37	1802	916				2333
781	103 20 8·64	50·73	1	− 4·11	− 1·25				118		2343
782	102 28 24·54	50·97	1	− 4·08	− 0·37						2345
783	117 31 35·43	51·39	2	− 4·05	+ 0·32	1796	919				2347
784	90 34 12·36	50·75	1	− 4·01	− 0·64						2351
785	157 21 14·12	51·27	2	− 4·01	+ 0·23	1828	922				2341
786	90 32 7·45	50·75	1	− 3·99	− 2·47						2352
787	144 37 53·93	51·50	4	− 3·94	+ 1·19	1817	925				2349
788	124 51 8·30	51·48	3	− 3·92	+ 0·79	1809	924				2354
789	114 55 20·34	51·26	3	− 3·86	− 0·32	1810					2362
790	140 46 9·28	51·73	1	− 3·85	− 0·77	1825	930				2357
791	124 29 43·98	51·49	2	− 3·84	− 0·03	1813	929				2363
792	137 12 2·60	50·82	1	− 3·84	+ 0·73	1821	931				2361
793	133 41 12·26	50·93	2	− 3·83	− 1·57	1820	933				2364
794	172 39 38·24	50·86	2	− 3·82	+ 0·50	1921	955				2330
795	91 0 39·64	50·92	1	− 3·81	+ 3·23						2367
796	104 4 19·15	50·84	1	− 3·77	+ 0·92						2372
797	97 56 59·82	50·73	1	− 3·76	+ 1·76						2373
798	61 31						932			161	2382
799	91 2 20·02	50·92	1	− 3·75	− 0·62						2377
800	92 32 24·98	50·68	1	− 3·75	− 3·33			102	119		2378
801	134 31 20·13	51·37	2	− 3·74	− 2·55	1830	937				2371
802	116 51 3·20	51·50	2	− 3·73	− 0·64	1823	935				2376
803	141 43 22·99	51·33	2	− 3·67	− 0·81	1836	942				2380
804	129 49 12·56	51·35	2	− 3·62	+ 0·49	1834					2390
805	127 28 40·83	51·46	2	− 3·61	+ 0·58	1833	943				2392
806	68 11										
807	150 55 40·09	51·65	4	− 3·60	− 0·90	1851	949				2385
808	144 25 3·74	51·15	3	− 3·58	+ 1·14	1843	948				2391
809	146 16 36·93	50·95	1	− 3·52	+ 0·03	1853	956				2397
810	102 1 51·84	50·73	1	− 3·47	+ 1·48						2410

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				h m s			s	s
811	1710	5·6	Piazzi V–108 - -	5 20 27·84	51·92	2	+1·783	−0·20
812		6·7	Pictoris - - θ^1	5 21 18·41	52·03	2	+1·356	−0·25
813	1712	6	Pictoris - - θ^2	5 21 22·81	52·03	2	+1·356	−0·55*
814	1713	7	Taylor 2000 - - -	5 21 23·20	51·98	2	+2·407	−0·02
815	1715	3·4	9 Leporis - - β	5 21 49·22	52·04	1	+2·568	−0·13
816	1716	6·7	Bradley 778 - - -	5 22 3·18	52·00	2	+3·050	−0·01
817	1717	4	31 Orionis - - -	5 22 6				
818	1718	7·6	Taylor 2008 - - -	5 22 15				
819	1719	5	Piazzi V–122 - -	5 22 16·81	52·03	3	+1·921	−0·35
820	1720	7·6	Taylor 2013 - - -	5 22 43·06	51·98	2	+1·752	−0·10
821	1724	5·6	Piazzi V–124 - -	5 23 5·43	52·07	2	+2·063	−0·16
822	1729	5·6	Doradûs - - λ	5 24 7				
823	1730	Var.	34 Orionis - - δ	5 24 20·67	51·50	37	+3·062	−0·05
824	1731	5	36 Orionis - - υ	5 24 40				
825	1732	6·5	10 Leporis - - -	5 24 42				
826	1738	7·6	Taylor 2031 - - -	5 25 42				
827	1739	4	Columbæ - - ϵ	5 25 53				
828	1740	5	Taylor 2037 - - -	5 26 2·32	52·03	3	+1·643	−0·17
829	1741	3	11 Leporis - - α	5 26 6·92	52·29	7	+2·643	−0·07
830	1745	7	Taylor 2040 - - -	5 26 30·71	52·04	1	+1·862	−0·42
831	1745	6	Pictoris - - -	5 26 30·80	52·04	1	+1·862	
832	1750	6	Piazzi V–157 - -	5 27 20				
833		6·7	Lalande 10527 - -	5 27 41·16	52·16	2	+2·930	−0·01
834	1752	6	Bradley 801 - - -	5 27 42·86	52·12	3	+2·929	−0·15
835	1753	5·6	Piazzi V–158 - -	5 27 45·73	52·10	2	+2·135	−0·14
836	1755	6	Cape 1840 Cat., No. 571	5 27 47·41	52·57	2	−0·332	+0·38
837	1756	5	Cape 1840 Cat., No. 569	5 27 48·39	52·05	2	+2·013	+0·03
838	1757	7·6	Piazzi V–159 - -	5 27 51·19	52·49	2	+2·164	−0·09
839	1758	6	41 Orionis - - θ^1	5 27 54·27	52·51	2	+2·943	+0·24
840	1759	5·6	42 Orionis - - c	5 27 59·12	52·06	1	+2·956	+0·15
841	1760	6·7	43 Orionis - - θ^2	5 28 1				
842	1761	7·6	B. F. 759 - - -	5 28 5·34	52·96	2	+2·308	+0·03
843	1762	4	44 Orionis - - ι	5 28 5·84	52·06	1	+2·931	−0·09
844	1763	5·6	45 Orionis - - -	5 28 15·35	52·97	1	+2·956	+0·29
845	1765	2	46 Orionis - - ϵ	5 28 36·20	51·22	29	+3·041	+0·03
846	1767	3·4	123 Tauri - - - ζ	5 28 40·91	52·36	9	+3·580	
847	1768	5	26 Aurigæ - - -	5 29 0·22	52·01	2	+3·848	
848	1770	6	Cape 1840 Cat., No. 577	5 29 21·86	52·97	1	+0·350	+0·19
849	1771	6·7	Taylor 2067 - - -	5 29 44·23	52·96	2	+2·204	−0·21
850	1773	6·7	Taylor 2069 - - -	5 29 57·01	52·90	2	+2·198	+0·03
851	1775	6·7	Piazzi V–169 - -	5 30 18·46	52·17	1	+2·342	−0·10
852	1779	6·7	Taylor 2078 - -	5 30 46·26	52·03	2	+1·176	+0·06
853	1780	4·5	48 Orionis - - σ	5 31 12·92	52·00	2	+3·008	+0·21
854	1781	7·6	Taylor 2082 - - -	5 31 15·47	52·16	2	+2·136	−0·24
855	1783	6·7	Piazzi V–177 - -	5 31 21·05	52·16	2	+2·366	−0·06

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
811	134 21 41·96	51·24	2	− 3·44	− 1·56	1850	958				2409
812	142 26					1863	961				2416
813	142 26 55·94	51·48	3	− 3·36	+ 3·22*	1863	962				2417
814	116 42 46·16	51·48	2	− 3·36	+ 0·80	1849	959				2423
815	110 52 57·07	51·45	2	− 3·33	+ 1·18			104	120		2428
816	90 55 26·21	50·93	1	− 3·31	+ 3·38						2434
817	91 12 52·34	52·05	1	− 3·30	+ 2·42				121		2436
818	122 32 36·48	51·65	3	− 3·29	+ 1·37	1855	963				2433
819	131 4 33·57	51·44	2	− 3·29	− 3·49	1862					2431
820	134 59 26·53	51·24	2	− 3·25	− 0·59	1872	965				2435
821	127 21 29·96	51·26	2	− 3·22	− 1·58	1868	966				2441
822	149 2 23·85	50·95	1	− 3·12	+ 0·26	1885	969				2446
823	90 24						968	105	122	125	2454
824	97 24 58·15	50·73	1	− 3·08	+ 1·72				123		2458
825	110 58 42·28	51·56	3	− 3·08	+ 1·50			106			2455
826	137 11 34·00	51·24	2	− 2·99	+ 1·69	1886	972				2460
827	125 35 0·48	51·39	2	− 2·97	+ 0·87	1883	970		124		2462
828	137 11 16·56	51·24	2	− 2·96	+ 4·48	1888	973				2461
829	107 56 0·84	50·75	1	− 2·95	+ 0·01			107	125	96	2466
830	132 24 55·21	51·27	2	− 2·92	− 0·90	1889	976				2465
831	132 25 3·51	51·27	2	− 2·92		1889	976				
832	136 2 15·47	51·33	2	− 2·85	− 0·43	1896	978				2471
833	96 6 48·50	50·91	2	− 2·82	+ 0·31						2483
834	96 6 22·18	50·91	2	− 2·82	− 0·17						2484
835	125 14 43·18	51·61	3	− 2·81	+ 1·74	1890	979				2480
836	158 44 25·46	51·34	2	− 2·81	+ 1·43	1920	983				2468
837	128 37 15·99	51·38	2	− 2·81	− 0·98	1895					2479
838	124 24 40·00	51·51	2	− 2·80	+ 0·81	1892	980				2481
839	95 29 34·97	50·92	1	− 2·80	+ 1·22						2488
840	94 56 27·07	50·93	1	− 2·79	+ 2·40				126		2489
841	95 31 7·29	50·92	1	− 2·79	+ 1·70						2490
842	119 57 17·33	51·50	2	− 2·78	+ 0·85	1891					2486
843	96 0 46·44	52·06	1	− 2·78	− 1·45				127		2493
844	94 57 27·78	50·93	1	− 2·77	+ 2·36						2494
845	91 18							110	128	123	2495
846	68 57										
847	59 36										
848	154 2					1922	988				2492
849	123 11 3·48	51·43	2	− 2·64	− 1·66	1902	986				2500
850	123 22 21·73	50·94	2	− 2·26	− 2·26	1904	987				2501
851	118 48 18·99	51·63	3	− 2·59	+ 0·05	1905	990				2505
852	145 0 12·32	51·30	2	− 2·55	+ 0·79	1923	994				2504
853	92 41							111	129		2517
854	125 9 29·94	51·35	2	− 2·51	− 1·35	1914	995				2513
855	117 57 44·21	51·39	2	− 2·50	+ 2·22	1911	996				2515

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				h m s			s	s
856	1785	6·5	49 Orionis - - *d*	5 31 37·77	52·06	1	+2·901	−0·09
857	1786	7	Piazzi V–181 - -	5 31 47				
858	1787	6·5	Piazzi V–183 - -	5 31 53				
859	1788	6·5	Taylor 2089 - - -	5 31 58·43	52·11	3	+1·627	−0·06
860	1789	6	Piazzi V–178 - -	5 32 2·88	51·86	2	+2·986	+0·11
861	1790	5	Cape 1840 Cat., No. 583	5 32 10·90	52·18	2	+0·310	+0·15
862	1791	3·4	Doradûs - - *β*	5 32 19·75	52·19	2	+0·511	−0·01
863	1794	2	50 Orionis - - *ζ*	5 33 11·39	51·78	2	+3·024	+0·02
864	1795	6	Taylor 2103 - - -	5 33 19·45	52·44	2	+0·648	+0·03
865	1798	6	Piazzi V–195 - -	5 33 54·66	51·98	2	+1·924	−0·08
866	1802	2	Columbæ - - *α*	5 34 13·06	51·83	72	+2·169	−0·12
867	1803	6	Piazzi V–197 - -	5 34 17·14	52·06	2	+2·217	−0·29
868	1807	6	12 Leporis - - -	5 35 55·42	51·94	2	+2·521	−0·08
869	1809	6·7	Piazzi V–205 - -	5 35 57				
870	1812	6	Piazzi V–207 - -	5 36 28·70	51·85	2	+2·284	−0·16
871	1814	5·6	Piazzi V–211 - -	5 36 52·70	52·06	2	+2·148	−0·27
872	1815	6	Cape 1840 Cat., No. 591	5 36 55·43	51·12	3	−0·010	−0·23
873	1817	6·7	Piazzi V–217 - -	5 37 45·68	51·92	2	+2·190	−0·18
874	1819	6	Mensæ - - *γ*	5 37 50·94	51·68	3	−2·448	+0·66
875	1822	6	Bradley 836 - - -	5 38 10				
876	1823	4	13 Leporis - - *γ*	5 38 12·62	52·04	4	+2·519	−0·61*
877	1825	5·6	Piazzi V–224 - -	5 38 33·09	52·00	2	+1·974	−0·17
878	1836	6	Piazzi V–231 - -	5 39 26·07	51·91	1	+1·696	−0·28
879	1838	8	Cape 1840 Cat., No. 599	5 39 45·78	51·06	2	−0·429	−0·35
880	1837	5	132 Tauri - - - -	5 39 48·73	52·98	1	+3·678	
881	1840	5	14 Leporis - - *ζ*	5 40 9·62	51·98	2	+2·717	−0·13
882	1841	6	Columbæ - - *μ*	5 40 25·60	52·02	2	+2·226	−0·12
883	1842	7·6	Taylor 2155 - -	5 40 27·34	52·04	1	+1·977	−0·11
884	1843	3·2	53 Orionis - - *κ*	5 40 38·57	51·79	2	+2·842	0·00
885	1847	6·7	Columbæ - - -	5 41 27·95	52·05	2	+2·092	−0·04
886	1855	6	Taylor 2170 - -	5 42 18·24	52·04	3	+1·658	−0·27
887	1858	6	Piazzi V–250 - -	5 42 46·58	52·06	2	+1·885	−0·22
888	1859	6·7	Taylor 2173 - - -	5 42 51·19	51·81	3	+2·189	−0·15
889	1860	6	Piazzi V–252 - -	5 43 37·74	52·03	2	+2·504	−0·18
890	1861	4	Pictoris - - *β*	5 43 44·04	51·96	1	+1·417	−0·07
891	1863	4·5	136 Tauri - - - -	5 43 54·01	52·01	2	+3·767	
892	1864	6	55 Orionis - - -	5 44 7·65	51·78	2	+2·894	−0·07
893	1865	7	Taylor 2186 - -	5 44 11				
894	1868	5·4	Doradûs - - *δ*	5 44 30·62	52·07	1	+0·104	−0·14
895	1870	5·6	Mensæ - - *ι*	5 44 49·26	51·26	3	−3·724	−0·04
896	1871	4	15 Leporis - - *δ*	5 44 52·33	51·98	2	+2·561	+0·01
897	1873	6·7	Taylor 2199 - - -	5 45 12				
898	1878	3	Columbæ - - *β*	5 45 40·44	52·40	5	+2·107	−0·03
899	1883	Var.	58 Orionis - - *α*	5 47 3·11	52·03	93	+3·243	−0·01
900	1884	5	Pictoris - - *γ*	5 47 6·49	52·03	2	+1·076	−0·02

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
856	97 18 2·13	50·95	1	− 2·48	+ 0·28				130		2525
857	118 43 4·93	51·47	2	− 2·46	+ 1·08		997				2522
858	118 46 58·22	51·49	2	− 2·45	− 0·60	1915	998				2524
859	137 24 27·65	51·28	2	− 2·45	+ 1·53	1930	999				2518
860	93 39 9·30	52·10	1	− 2·44	+ 1·95						2531
861	154 19 35·79	51·79	1	− 2·43	+ 2·31	1949	1002				2514
862	152 35 18·11	51·50	3	− 2·42	+ 0·51	1948	1003		131		2516
863	92 1 33·56	52·06	1	− 2·34	+ 0·58			113	132	122	2539
864	151 16 8·52	51·44	2	− 2·33	+ 1·35		1006				2532
865	130 47 39·15	51·26	2	− 2·28	− 1·00	1941	1007				2544
866	124 9					1938	1010	114	133	81	2547
867	122 42 39·42	51·50	2	− 2·25	+ 3·34	1936	1011				2550
868	112 27 3·82	50·75	1	− 2·10	− 2·78						2565
869	123 28 39·48	51·35	2	− 2·10	+ 1·21	1955	1015				2562
870	120 36 38·60	51·65	3	− 2·06	+ 0·78	1962	1017				2568
871	124 44 39·37	51·71	3	− 2·02	− 0·79	1964	1019				2570
872	156 38					1985	1023				2560
873	123 29 45·49	50·75	1	− 1·94	+ 1·56	1968	1022				2579
874	166 26 39·90	51·38	2	− 1·94	− 0·07	2027	1032				2558
875	112 28 32·10	51·43	2	− 1·91	+ 9·13*						2581
876	112 30 4·23	51·43	2	− 1·90	+10·20*				134		2582
877	129 28 32·92	51·34	2	− 1·87	+ 0·91	1973	1026				2584
878	135 54 13·72	51·47	3	− 1·80	− 1·41	1981	1029				2587
879	159 10					2007	1038				2585
880	65 29						1027				
881	104 52 54·61	51·37	2	− 1·73	+ 0·05				135		2596
882	122 22 0·73	51·36	2	− 1·71	+ 0·01	1982	1035	116	136		2597
883	129 22 34·74	50·87	2	− 1·71	− 1·67	1986	1036				2595
884	99 43 37·50	50·97	1	− 1·69	− 1·03			117	137	111	2601
885	126 17 17·91	51·57	3	− 1·62	+ 1·19	1992	1040				2605
886	136 39 16·26	51·47	3	− 1·55	+ 1·31	2003	1043				2612
887	131 38 39·25	51·40	2	− 1·51	− 0·97	2005	1048				2619
888	123 28					1998	1044				2622
889	113 1 15·06	51·48	2	− 1·43	+ 0·09	2002					2632
890	141 7 21·44	51·44	3	− 1·42	+ 1·19	2021	1051				2628
891	62 25										
892	97 33 44·97	50·97	1	− 1·39	+ 1·89						2640
893	120 40 4·93	50·95	2	− 1·38	+ 0·53	2011	1053				2639
894	155 47 30·07	51·31	2	− 1·36	+ 0·44	2045	1060	118	139		2629
895	168 53					2097	1068				2609
896	110 53 44·08	51·39	2	− 1·32	+ 1·09				138		2646
897	134 55 17·22	51·34	2	− 1·29	+ 1·00	2034	1061				2645
898	125 49 38·52	51·38	2	− 1·25	+ 0·83	2029	1063	119	140	77	2652
899	82 37						1064	120		136	2672
900	146 12 19·47	51·51	3	− 1·13	+ 3·46	2053	1071				2661

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
901	1886	6	Taylor 2211	5 47 11·81	51·12	2	+1·312	−0·07
902	1889	5·6	Piazzi V–274	5 47 26·54	52·04	1	+2·040	−0·21
903	1890	5	Taylor 2214	5 47 29·75	52·04	2	+1·353	−0·07
904	1891	5	Columbæ λ	5 47 40				
905	1892	6	Piazzi V–278	5 47 46·52	52·06	2	+2·006	−0·23
906	1894	6·7	Columbæ	5 48 25·35	52·06	1	+2·325	−0·28
907	1898	5·6	Cape 1840 Cat., No. 622	5 49 11·48	51·16	2	−4·971	+1·07*
908	1901	3	16 Leporis η	5 49 34				
909	1903	5	Taylor 2232	5 49 49				
910	1904	6·5	Piazzi V–286	5 49 59·87	52·06	2	+1·950	−0·24
911	1905	5·6	Doradûs ε	5 50 3·39	51·10	1	−0·067	−0·19
912	1906	5	Piazzi V–290	5 50 20·45	52·03	2	+2·059	−0·12
913	1909	6	Cape 1840 Cat., No. 626	5 50 34·09	51·68	2	+0·324	−0·01
914	1910	6	Columbæ σ	5 50 42·39	51·73	2	+2·255	−0·15
915	1911	6·7	Cape 1840 Cat., No. 628	5 50 51				
916	1912	6	Taylor 2243	5 50 55				
917	1915	6·7	Taylor 2245	5 51 13				
918	1917	5·6	Taylor 2247	5 51 32·19	52·04	1	+1·319	−0·29
919	1919	6	1 Monocerotis	5 51 53·02	51·78	1	+2·849	+0·14
920	1920	6	2 Monocerotis	5 51 57·05	51·84	2	+2·845	−0·05
921	1922	4·5	Columbæ γ	5 52 13·19	51·98	2	+2·124	+0·03
922		6·7	Puppis	5 52 26·93	51·96	1	+1·780	−0·02
923	1926	5	Cape 1840 Cat., No. 632	5 52 57·57	51·06	3	+0·432	−0·11
924	1927	7·6	Cape 1840 Cat., No. 633	5 53 31·40	52·06	2	+0·268	+0·01
925	1929	6	Piazzi V–313	5 54 10·85	52·03	1	+1·778	−0·50*
926	1933	4	Piazzi V–315	5 54 33·69	52·06	1	+1·832	−0·32
927	1936	5	3 Monocerotis	5 54 46·96	51·73	2	+2·820	+0·04
928	1939	5	62 Orionis χ^4	5 55 0·75	51·78	1	+3·561	
929	1940	7·6	Taylor 2277	5 55 30·53	51·96	4	+1·406	−0·19
930	1941	6	Piazzi V–320	5 55 49·95	52·05	1	+2·172	+0·04
931	1946	5	Piazzi V–327	5 57 13·08	52·02	2	+2·410	−0·06
932	1948	5·6	Taylor 2291	5 57 18				
933	1954	6	Cape 1840 Cat., No. 641	5 58 17·11	52·06	1	+0·922	−0·14
934	1955	5	17 Leporis	5 58 17·64	51·90	2	+2·675	−0·21
935	1956	6·7	Bradley 889	5 58 22·19	51·73	2	+2·829	−0·14
936	1958	5·4	67 Orionis ν	5 59 0·52	52·09	2	+3·423	−0·06
937	1960	6	Mensæ	5 59 20·96	51·17	3	−11·740	−0·75
938	1959	5	18 Leporis θ	5 59 21·84	52·09	1	+2·714	+0·21
939	1961	6·7	Bradley 894	5 59 50·65	52·07	2	+2·807	−0·15
940	1964	5	Piazzi V–346	6 0 9·69	52·04	3	+1·732	−0·34
941	1965	6	Piazzi V–342	6 0 16				
942	1966	6·7	Taylor 2320	6 0 16·99	52·05	2	+0·746	−0·24
943	1967	6·7	Taylor 2316	6 0 18·97	52·15	2	+2·307	+0·10
944	1968	6	Piazzi V–348	6 0 21·91	52·07	3	+1·730	−0·82*
945	1969	6·5	Cape 1840 Cat., No. 650	6 0 25·01	52·16	2	−4·060	−0·40

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
901	142 48					2051	1072				2663
902	127 39 58·32	51·41	2	− 1·10	+ 1·17	2041	1069				2671
903	142 8 41·96	51·48	3	− 1·09	− 0·59	2052	1074				2668
904	123 50 16·11	51·64	3	− 1·08	− 0·11	2044	1073				2673
905	128 33 39·67	51·43	2	− 1·07	− 0·22	2046	1075				2674
906	119 10 37·48	50·90	1	− 1·01	+ 2·18	2047	1076				2679
907	170 34					2138	1096				2653
908	104 11 56·89	50·95	1	− 0·91	− 3·80				141		2696
909	147 11 8·43	51·59	4	− 0·89	+ 1·68	2080	1088				2691
910	129 59 10·43	51·49	2	− 0·88	− 0·50	2067	1085				2698
911	156 56 18·82	51·45	2	− 0·87	− 0·06	2093	1091		142		2686
912	127 8 43·94	51·50	2	− 0·85	+ 0·70	2069	1089				2700
913	154 4 1·43	50·86	2	− 0·82	+ 0·28	2091	1094				2695
914	121 24 22·59	51·51	2	− 0·81	+ 0·07	2070	1090				2706
915	162 44 31·10	51·34	2	− 0·80	+ 1·09	2111	1098				2689
916	139 39 13·73	51·40	2	− 0·79	+ 0·21	2082	1093				2705
917	121 59 55·68	50·90	1	− 0·77	+ 0·12	2075	1092				2713
918	142 40 12·65	51·31	2	− 0·74	+ 4·50	2087	1095				2712
919	99 23 56·60	50·92	1	− 0·71	+ 1·66						2719
920	99 34 21·38	50·97	1	− 0·70	+ 2·74						2723
921	125 18 7·94	51·67	3	− 0·68	+ 0·10	2084	1097	121	143		2718
922	134 1					2088					2720
923	153 8					2106	1102				2717
924	154 30 25·95	51·46	3	− 0·56	− 0·76	2113	1104				2726
925	134 2 54·62	51·54	3	− 0·51	− 2·67	2098	1105				2733
926	132 49 33·89	51·27	2	− 0·48	+ 0·70	2099	1107		144		2735
927	100 36 16·14	50·90	1	− 0·46	− 1·45						2741
928	69 51										
929	141 14 1·35	51·36	2	− 0·39	+ 0·48	2114	1112				2742
930	123 54 57·54	51·42	2	− 0·36	+ 0·92	2108	1113				2747
931	116 17 14·64	51·36	2	− 0·24	− 0·13	2115	1117				2759
932	141 13 24·89	51·18	3	− 0·24	− 1·22	2123	1118				2754
933	148 6 18·01	51·79	1	− 0·15	+ 0·37	2133	1124				2761
934	106 28 41·01	51·39	2	− 0·15	+ 1·85						2768
935	100 14 11·56	50·92	1	− 0·14	+ 1·54						2770
936	75 13										2779
937	174 50					2296	1165				2724
938	104 55 33·57	51·36	2	− 0·06	− 0·38			122	145		2780
939	101 9 40·23	50·92	1	− 0·01	+ 0·95						2791
940	135 2 17·56	51·62	4	+ 0·02	+ 0·09	2137	1131				2783
941	113 5 49·37	51·49	2	+ 0·02	− 1·53	2128					2794
942	150 5 33·90	51·31	2	+ 0·03	− 0·25	2155	1134				2777
943	119 44 42·51	51·36	2	+ 0·03	+ 1·63	2130	1130				2793
944	135 4 48·41	51·62	4	+ 0·03	− 5·99*	2141	1132				2789
945	169 22 51·55	50·95	2	+ 0·04	− 0·42	2210	1150				2758

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				h m s			s	s
946	1972	6·7	Taylor 2325	6 0 53·91	52·04	1	+1·562	−0·21
947	1973	4	19 Leporis	6 1 10·25	51·92	2	+2·606	−0·22
948	1974	7	4 Monocerotis	6 1 23·78	52·12	2	+2·808	−0·01
949	1976	6	Piazzi V–352	6 1 39·65	52·18	2	+2·159	−0·33
950	1977	7	Taylor 2337	6 1 56·30	52·40	2	+1·696	−0·07
951	1978	5·6	Columbæ π^1	6 2 2·93	52·85	2	+1·855	−0·09
952	1982	5·4	Columbæ θ	6 2 23·13	52·22	2	+2·055	−0·10
953	1983	6	Piazzi VI–11	6 2 40·90	52·95	2	+1·730	+0·11
954	1984	6·7	Taylor 2347	6 2 49·40	52·14	2	+1·677	−0·49
955	1988	4·5	Columbæ π^2	6 3 13·64	52·06	1	+1·861	−0·38
956	1991	6·7	Piazzi VI–15	6 3 24·78	52·02	2	+1·747	−0·21
957	1993	5·6	Piazzi VI–20	6 4 9·85	51·88	2	+1·765	−0·14
958	1994	6	B. F. 864	6 4 33·96	52·09	2	+2·918	−0·07
959	1995	6·7	Piazzi VI–17	6 4 36·62	52·12	2	+2·386	−0·15
960	1996	7·6	Taylor 2366	6 5 10·40	52·11	2	+2·142	−0·17
961	1997	6·7	Taylor 2365	6 5 12·53	52·09	2	+2·406	−0·15
962	1998	6	Piazzi VI–28	6 5 20·16	52·04	2	+1·936	−0·25
963	2000	5	Pictoris	6 5 41·31	51·06	3	+0·543	0·00
964	2002	3·4	7 Geminorum η	6 5 49·39	52·18	12	+3·626	+0·13
965	2003	6	Doradûs η^1	6 5 59·20	52·09	3	+0·066	−0·21
966	2006	6	Piazzi VI–34	6 6 21·47	52·02	2	+1·722	−0·19
967	2013	5	Taylor 2390	6 7 22·93	51·91	1	+1·167	−0·26
968	2015	4	5 Monocerotis	6 7 32·39	51·83	1	+2·925	−0·03
969	2025	5·6	Doradûs ν	6 9 41·98	52·03	2	−0·375	−0·12
970	2027	6·7	Taylor 2412	6 10 10·80	52·06	2	+2·307	−0·14
971	2030	7	6 Monocerotis	6 10 32·40	51·84	2	+2·819	−0·51*
972	2031	5·6	Doradûs η^2	6 10 55·66	51·10	3	+0·133	−0·33
973	2032	6	Taylor 2425	6 10 59·36	51·10	2	+0·618	+0·02
974	2033	6	Taylor 2426	6 11 6·83	52·04	1	+1·025	−0·19
975	2034	4·5	Columbæ κ	6 11 13·03	52·05	2	+2·132	−0·14
976		9	W. B. VI–332	6 11 20·09	52·06	1	+2·888	
977	2035	6·5	Piazzi VI–68	6 11 38·55	52·06	2	+1·981	−0·30
978		6	Doradûs	6 11 49·87	52·12	2	+0·143	−0·46
979		7	Doradûs	6 11 52·79	52·14	1	+0·142	−0·39
980	2036	5·6	Piazzi VI–70	6 11 55·16	52·11	2	+2·039	−0·19
981	2037	5·6	Piazzi VI–71	6 12 0·92	52·12	2	+2·057	−0·24
982	2040	5·6	7 Monocerotis	6 12 29·33	52·06	3	+2·889	−0·10
983	2047	3	13 Geminorum μ	6 13 53·10	52·03	42	+3·626	−0·04
984	2048	7	Taylor 2449	6 14 9·38	51·91	1	+0·838	+0·08
985	2049	6·7	Taylor 2452	6 14 13·82	51·91	1	+0·837	+0·27
986	2050	6·5	Piazzi VI–79	6 14 16·87	52·05	2	+2·159	−0·20
987	2052	6	Taylor 2453	6 14 33·37	52·09	2	+1·321	−0·12
988	2051	2·3	1 Canis Majoris ζ	6 14 33·49	52·09	2	+2·300	−0·21
989	2053	6	Mensæ α	6 14 42·92	52·15	2	−1·806	−0·12
990	2054	6	Piazzi VI–86	6 14 51·62	52·16	3	+1·974	−0·23

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
946	138 26 49·00	51·37	2	+ 0·08	− 0·99	2145	1137				2795
947	109 9 7·88	50·90	1	+ 0·10	− 0·48						2801
948	101 7 40·38	50·92	1	+ 0·12	+ 1·37						2804
949	124 17 46·28	51·33	2	+ 0·15	− 0·36	2142	1139				2802
950	135 47 55·73	51·34	2	+ 0·17	− 1·32	2156	1143				2803
951	132 16 57·73	51·37	2	+ 0·18	+ 0·37	2154	1144				2808
952	127 14 4·90	51·45	2	+ 0·21	+ 0·39	2153	1145		146		2814
953	135 4 32·25	51·68	3	+ 0·24	− 0·96	2160	1149				2815
954	136 11 10·48	51·44	2	+ 0·25	+ 2·75	2161	1151				2818
955	132 7 59·56	51·39	2	+ 0·28	− 0·29	2164	1153				2820
956	134 42 38·11	51·48	2	+ 0·30	− 3·15	2167	1156				2821
957	134 20 0·47	51·47	2	+ 0·36	− 1·18	2174	1158				2828
958	96 31 13·97	50·99	1	+ 0·40	− 0·19						2838
959	117 7 28·08	51·37	2	+ 0·40	+ 1·25	2168					2834
960	124 47 19·13	51·37	2	+ 0·45	− 0·37	2178	1167				2839
961	116 27 7·81	51·44	2	+ 0·46	+ 0·88	2173	1163				2842
962	130 19 42·44	51·49	3	+ 0·48	− 1·42	2182					2840
963	152 7						1172				2836
964	67 27						1166				2853
965	156 1					2203	1174				2837
966	135 15 4·12	51·31	2	+ 0·56	+ 1·09	2191	1173				2850
967	144 56 12·17	51·82	1	+ 0·65	+ 0·70	2201	1177				2857
968	96 13 59·65	50·90	1	+ 0·66	+ 0·71			125	147		2868
969	158 48					2227	1187				2869
970	119 44 26·28	51·32	2	+ 0·89	+ 1·73	2206	1183				2880
971	100 40 25·27	50·92	1	+ 0·92	+ 1·31						2887
972	155 33 12·63	50·97	2	+ 0·96	− 0·21	2230	1195				2878
973	151 25					2224	1200				2879
974	146 52 22·11	51·46	3	+ 0·97	+ 0·50	2222	1193				2884
975	125 5 36·59	51·60	3	+ 0·98	− 2·69	2213	1191		148		2892
976	97 47										
977	129 12 43·40	51·36	2	+ 1·02	+ 0·90	2214	1194				2895
978	155 29						1201				2885
979	155 29										2888
980	127 41 16·65	51·38	2	+ 1·04	− 1·92	2217	1196				2896
981	127 11 58·18	51·47	2	+ 1·05	− 0·23	2218	1197				2897
982	97 45 51·43	50·90	1	+ 1·09	+ 0·66						2905
983	67 24						1202			153	2923
984	149 9 16·72	50·05	3	+ 1·23	+ 0·67		1210				2909
985	149 8 39·42	50·05	3	+ 1·24	+ 3·00	2242	1212				2911
986	124 20 5·98	51·34	2	+ 1·25	− 0·66	2228	1205				2918
987	142 40 25·67	51·36	2	+ 1·27	+ 1·39	2238	1213				2916
988	120 0 0·08	51·56	5	+ 1·27	+ 0·60	2229	1207	126	149	85	2924
989	164 41 55·50	51·56	3	+ 1·28	+ 5·87*	2283	1218				2903
990	129 25 23·04	51·49	2	+ 1·30	− 0·32	2233					2926

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				h m s			s	s
991		7·8	Columbæ - - -	6 14 54·67	52·16	1	+1·974	
992	2055	7·6	Taylor 2459 - - -	6 15 7·10	52·03	2	+1·464	−0·18
993	2056	5·6	Piazzi VI–88 - -	6 15 10·78	52·05	2	+2·168	−0·22
994	2061	3·2	2 Canis Majoris - β	6 16 5·76	51·83	2	+2·640	−0·22
995	2062	6	Taylor 2466 - - -	6 16 9·41	51·84	1	+1·554	+0·06
996	2066	4	3 Canis Majoris - -	6 16 38·00	52·10	1	+2·193	−0·03
997	2068	7·6	Taylor 2471 - -	6 16 48·64	52·06	3	+1·752	−0·44
998		7	Mensæ - - -	6 17 16·77	51·65	2	−0·936	−0·54
999	2071	6·7	Mensæ - - -	6 17 29·94	52·15	2	−0·948	−0·43
1000	2072	7·6	Cape 1840 Cat., No. 689	6 17 34·45	51·21	2	+2·274	+0·11
1001	2073	6·7	Taylor 2474 - - -	6 17 37·63	52·03	2	+2·247	−0·04
1002	2075	6·7	Mensæ - - -	6 18 20·46	51·06	3	−1·447	−0·27
1003	2077	6 7	Taylor 2481 - - -	6 18 34·86	52·06	3	+2·069	−0·18
1004	2078	6·7	Pictoris - - -	6 18 42·98	52·10	2	+0·368	+0·04
1005	2079	6	Piazzi VI–110 - -	6 18 49·53	52·08	1	+2·080	−0·79*
1006		7	Piazzi VI–112 - -	6 18 54·66	52·08	1	+2·081	−0·71*
1007		6·7	Cape 1840 Cat., No. 692	6 18 59·77	52·13	1	+1·075	+0·01
1008	2085	6·7	Cape 1840 Cat., No. 702	6 19 13				
1009	2087	6·7	9 Monocerotis - -	6 19 35·17	52·07	2	+2·972	−0·11
1010	2088	6	78 Orionis - - -	6 19 35·49	52·12	2	+3·067	+0·01
1011	2089	6	Piazzi VI–117 - -	6 19 52·70	52·08	2	+1·945	−0·18
1012	2090	5·4	18 Geminorum - - ν	6 20 3·32	51·14	3	+3·563	+0·07
1013	2092	6·5	Taylor 2500 - -	6 20 14·12	52·13	1	+1·360	−0·33
1014	2093	5·6	Cape 1840 Cat., No. 696	6 20 15				
1015	2094	6	10 Monocerotis - -	6 20 33·17	51·82	2	+2·962	+0·01
1016	2096	1	Argûs - - - α	6 20 37·29	52·26	86	+1·328	+0·07
1017	2098	7·6	Piazzi VI–124 - -	6 20 58·62	52·09	2	+1·918	−0·17
1018	2099	6·7	Bradley 950 - - -	6 21 7·95	51·97	2	+3·060	+0·07
1019	2100	6·7	Taylor 2506 - - -	6 21 8·80	52·16	2	+2·428	−0·46
1020	2103	7·6	Piazzi VI–128 - -	6 21 25·93	50·04	3	+1·891	−0·24
1021	2102	6	Puppis - - - -	6 21 30·03	51·17	3	+1·323	−0·30
1022	2104	6	Taylor 2514 - - -	6 21 31·54	52·17	2	+0·902	+0·10
1023	2105	5	11 Monocerotis - -	6 21 32·74	52·08	2	+2·909	−0·10
1024	2105	6	11 Monocerotis - -	6 21 33				
1025	2106	5·6	Puppis - - - G	6 21 45·54	52·17	2	+1·588	−0·25
1026	2108	6	Taylor 2521 - - -	6 22 22·54	52·19	1	+0·747	+0·02
1027	2109	5·4	Piazzi VI–136 - -	6 22 36·55	52·16	2	+2·223	+0·09
1028	2112	6	Piazzi VI–138 - -	6 23 4·58	52·05	2	+2·230	−0·29
1029	2117	6·7	Piazzi VI–145 - -	6 23 54·47	52·11	2	+1·916	−0·15
1030	2121	6	Cape 1840 Cat., No. 707	6 23 59·95	51·14	2	+0·376	−0·04
1031	2119	6·5	Doradûs - - π^1	6 24 2·92	51·19	2	−0·563	+0·11
1032	2122	7·6	Taylor 2534 - -	6 24 14·81	51·72	3	+1·944	−0·15
1033		7	Taylor 2535 - -	6 24 20·56	52·04	2	+1·944	−0·10
1034	2124	6	Taylor 2541 - -	6 24 41·75	52·00	2	+0·951	−0·07
1035	2127	6	Piazzi VI–148 - -	6 24 50·02	51·99	2	+2·374	−0·01

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

1002. The N.P.D. of this star in the B.A.C. is 1° in error.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
991	129 24 58·56	51·49	2	+ 1·31							
992	140 17 50·50	51·38	2	+ 1·32	+ 1·25	2241	1215				2927
993	124 4 48·57	51·47	2	+ 1·33	− 0·99	2234	1214				2930
994	107 53 6·09	51·14	1	+ 1·41	+ 1·54		1217	127	150	97	2940
995	138 39 50·73	51·30	2	+ 1·41	+ 0·85	2247	1219				2935
996	123 21 50·02	51·49	2	+ 1·45	− 0·73	2244	1221		151		2945
997	134 41 23·56	51·39	2	+ 1·47	− 1·45	2253	1222				2943
998	161 35 52·22	51·01	2	+ 1·51	+ 0·33	2294					2933
999	161 38 43·18	51·01	2	+ 1·53	+ 1·36	2298	1228				2936
1000	120 52					2252	1224				2953
1001	121 42 57·58	51·41	2	+ 1·54	+ 0·63	2255	1225				2955
1002	163 34 1·35	51·02	3	+ 1·61	+ 0·45	2308					2942
1003	126 56 15·56	51·48	2	+ 1·62	− 0·40	2263	1227				2969
1004	153 45 18·93	51·35	2	+ 1·64	+ 0·30	2286	1234				2958
1005	126 37 56·04	51·52	3	+ 1·65	− 2·04	2265	1229				2971
1006	126 37 28·66	51·52	3	+ 1·65	− 0·24		1230				2973
1007	146 17					2280					2968
1008	175 54 57·91	51·53	2	+ 1·69	+ 0·37	2512	1269				2881
1009	94 16 13·99	52·01	1	+ 1·71	+ 0·37						2988
1010	90 11 25·99	52·06	1	+ 1·71	+ 1·06						2989
1011	130 12 8·77	51·45	2	+ 1·74	+ 0·42	2276	1237				2983
1012	69 41						1235				2994
1013	142 6 1·91	51·33	3	+ 1·77	+ 0·51	2285	1238				2984
1014	146 17 26·31	51·49	2	+ 1·77	+ 0·23	2292	1240				2982
1015	94 40 25·98	50·97	1	+ 1·80	+ 0·52						2997
1016	142 36					2291	1241	128	152	46	2992
1017	130 53 23·93	51·48	2	+ 1·83	− 0·76	2284					2995
1018	90 28 53·63	52·01	1	+ 1·85	+ 0·88						3005
1019	115 45 35·35	51·51	2	+ 1·85	+ 5·39*	2279	1242				3002
1020	131 33 2·08	51·49	2	+ 1·87	− 0·60	2290	1243				3003
1021	142 43					2299	1244				2998
1022	148 27 43·79	51·37	2	+ 1·88	+ 1·08	2303	1246				2996
1023	96 56 28·10	51·04	1	+ 1·88	+ 0·90						3009
1024	96 56 32·81	51·04	1	+ 1·88							
1025	138 5 22·53	51·50	2	+ 1·90	+ 1·46	2297	1245				3004
1026	150 11 51·76	51·31	2	+ 1·96	− 0·67	2311	1248				3006
1027	122 29 19·21	51·34	2	+ 1·98	+ 0·09	2295	1247		153		3014
1028	122 16 39·37	51·48	2	+ 2·02	− 0·01	2300	1249				3020
1029	130 58 49·11	51·38	2	+ 2·09	− 1·99	2307	1252				3024
1030	153 44					2329	1257				3019
1031	159 54					2340	1259				3015
1032	130 16 33·45	51·52	2	+ 2·12	− 2·08	2310	1254				3026
1033	130 16 58·42	51·52	2	+ 2·13	− 2·88		1256				3028
1034	147 54 27·28	51·34	2	+ 2·16	+ 1·06	2328	1260				3025
1035	117 40 7·66	51·45	2	+ 2·17	− 0·35	2309					3032

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1036	2131	6·7	Piazzi VI–151 - -	6 25 19·48	51·83	2	+2·640	−0·17
1037	2132	5·6	4 Canis Majoris - ξ^1	6 25 36·42	52·12	2	+2·498	−0·08
1038	2135	6	Taylor 2550 - - -	6 25 48·99	51·03	2	+1·942	0·00
1039	2136	6	Taylor 2551 - - -	6 25 52·74	52·04	2	+2·135	−0·29
1040	2137	5	Puppis - - Z	6 26 7·85	52·05	2	+1·480	−0·32
1041	2138	6	Piazzi VI–159 - -	6 26 11·39	52·11	2	+1·924	−0·20
1042	2141	6	Piazzi VI–160 - -	6 26 23·46	52·13	2	+2·076	−0·21
1043	2142	6·7	Pictoris - - -	6 26 23·96	51·97	2	+0·567	−0·02
1044	2145	6·5	Doradûs - - π^2	6 26 45·19	52·16	2	−0·501	−0·24
1045	2146	5	Taylor 2561 - - -	6 26 52·63	52·11	3	+1·045	−0·34
1046	2147	6·5	Piazzi VI–164 - -	6 27 2·28	52·07	2	+2·243	−0·22
1047	2148	6·5	Piazzi VI–166 - -	6 27 13·07	52·10	2	+2·049	−0·01
1048	2150	5·6	Taylor 2567 - - -	6 27 48·40	51·94	2	+1·389	−0·05
1049	2152	6·7	Taylor 2571 - - -	6 27 52·63	52·13	2	+0·819	−0·02
1050	2153	6·7	Taylor 2570 - - -	6 28 7·89	52·02	2	+2·015	−0·19
1051	2158	5	Piazzi VI–172 - -	6 28 34·07	52·18	2	+2·102	−0·09
1052	2160	5	5 Canis Majoris - ξ^2	6 28 46·29	51·81	1	+2·512	−0·26
1053	2162	6·5	Piazzi VI–175 - -	6 29 1·77	52·19	2	+2·222	−0·16
1054	2163	2·3	24 Geminorum - - γ	6 29 2·73	51·56	2	+3·465	−0·01
1055	2164	7·6	Piazzi VI–177 - -	6 29 16·28	52·16	2	+2·180	−0·16
1056	2165	7·6	Taylor 2581 - - -	6 29 28·51	52·12	2	+1·878	−0·14
1057	2166	6	Taylor 2589 - - -	6 29 40·75	52·13	2	+0·601	+0·40
1058	2167	5·6	Pictoris - - μ	6 29 44·08	52·21	2	+0·896	+0·16
1059		8	Piazzi VI–178 - -	6 29 47·72	51·83	1	+2·626	
1060	2168	6	6 Canis Majoris - ν^1	6 29 48·99	51·83	2	+2·626	−0·15
1061	2169	6	Taylor 2591 - - -	6 30 2·85	52·08	2	+1·361	−0·57*
1062	2171	4	7 Canis Majoris - ν^2	6 30 8·57	52·06	3	+2·611	−0·02
1063	2172	6·5	Piazzi VI–182 - -	6 30 11·45	52·04	1	+2·084	−0·18
1064	2174	6	8 Canis Majoris - ν^3	6 31 17·62	52·06	2	+2·638	−0·10
1065	2176	4·5	Taylor 2604 - - -	6 31 40·35	51·95	2	+1·323	−0·29
1066	2177	7·6	Taylor 2606 - - -	6 31 52·21	51·99	4	+1·483	−0·24
1067	2179	6	Piazzi VI–195 - -	6 31 56·50	52·13	2	+2·035	−0·17
1068	2180	5·6	Piazzi VI–197 - -	6 32 2·29	52·15	2	+2·078	−0·34
1069	2181	6	Piazzi VI–199 - -	6 32 5·85	52·08	3	+1·903	−0·28
1070	2183	5·4	Piazzi VI–198 - -	6 32 10·82	52·06	2	+2·237	−0·18
1071	2186	7	Taylor 2615 - - -	6 32 44·80	51·91	1	+1·482	−0·25
1072	2188	4·3	Argûs - - - ν	6 33 10·44	52·04	2	+1·834	−0·04
1073	2190	6·7	Canis Majoris - -	6 33 32·89	51·36	3	+2·043	−0·05
1074	2193	5	Puppis - - V	6 34 38·02	51·81	1	+1·598	−0·25
1075	2194	3	27 Geminorum - - ϵ	6 34 41·92	52·91	1	+3·695	
1076	2195	6	Piazzi VI–213 - -	6 34 50·36	52·03	2	+2·037	+0·05
1077	2196	7·6	Taylor 2639 - - -	6 35 3·76	51·82	2	+1·330	−0·22
1078	2202	6	Piazzi VI–219 - -	6 36 21·03	52·12	2	+1·955	−0·25
1079	2203	6	Taylor 2652 - - -	6 36 23·93	52·11	2	+0·649	0·00
1080		7	Puppis - - - -	6 36 24·51	52·12	1	+1·958	−0·20

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

1059. The magnitude is taken from Piazzi.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			′	″						
1036	107 57 29·88	51·51	2	+ 2·21	+ 1·89						3038
1037	113 18 50·84	51·51	2	+ 2·24	+ 0·42	2313					3043
1038	130 20 44·11	51·44	4	+ 2·26	− 0·22	2320	1263				3041
1039	125 9 18·88	51·37	2	+ 2·26	− 0·51	2319	1264				3045
1040	140 8 5·49	51·31	2	+ 2·28	+ 2·47	2333	1267				3044
1041	130 48 45·88	51·66	3	+ 2·29	− 1·46	2326	1265				3048
1042	126 50 14·70	51·51	2	+ 2·30	− 2·03	2324	1268				3051
1043	152 3 8·12	51·43	2	+ 2·31	+ 0·58	2348	1271				3040
1044	159 36 12·95	51·83	1	+ 2·33	− 1·22	2368	1275				3034
1045	146 45 5·83	51·49	2	+ 2·35	− 0·87	2343	1273				3050
1046	121 55 19·64	51·51	2	+ 2·36	− 0·15	2330	1270				3057
1047	127 35 6·27	51·52	2	+ 2·38	+ 2·62	2334	1272				3058
1048	141 43 21·65	51·39	2	+ 2·43	− 1·65	2349	1276				3061
1049	149 29 8·61	51·05	2	+ 2·44	− 0·25	2356	1279				3059
1050	128 30 47·34	51·46	2	+ 2·46	− 0·26	2338	1278				3066
1051	126 7 21·03	51·36	2	+ 2·49	− 1·67	2341	1281				3070
1052	112 50 59·02	51·52	2	+ 2·51	− 1·34				154		3076
1053	122 36 3·19	52·00	2	+ 2·53	− 0·39	2347	1283				3077
1054	73 28						1280	130			3087
1055	123 53 39·95	51·54	2	+ 2·56	− 1·34	2350	1285				3082
1056	131 58 53·53	51·39	2	+ 2·57	+ 0·17	2353	1288				3083
1057	151 46 8·97	51·37	2	+ 2·59	− 0·50	2377	1293				3075
1058	148 38 28·93	51·67	3	+ 2·60	+ 1·95	2373	1292				3078
1059	108 32 29·59	50·97	1	+ 2·60							
1060	108 32 26·63	51·53	2	+ 2·60	− 0·06						3089
1061	142 12 54·84	51·34	2	+ 2·62	− 0·31	2369	1294				3086
1062	109 7 53·29	51·08	1	+ 2·63	+ 2·04				155		3094
1063	126 39 40·96	51·50	2	+ 2·63	+ 0·81	2359	1291				3091
1064	108 6 41·32	50·79	1	+ 2·73	+ 0·92						3108
1065	142 51 17·27	50·82	1	+ 2·76	+ 0·81	2383	1302				3103
1066	140 10 27·50	51·33	4	+ 2·78	− 0·72	2382	1305				3107
1067	128 1 23·92	51·43	2	+ 2·79	− 2·60	2375					3110
1068	126 51 56·18	51·38	2	+ 2·79	− 0·65	2376	1303				3112
1069	131 25 56·87	51·39	2	+ 2·80	− 2·37	2379					3111
1070	122 12 56·14	51·49	2	+ 2·81	− 1·73	2374	1304				3115
1071	140 12 9·90	51·36	2	+ 2·86	− 1·55	2390	1309				3117
1072	133 3 59·47	52·06	1	+ 2·89	+ 1·12	2386	1310	132	156	60	3124
1073	127 51						1314				3129
1074	138 5 17·18	51·33	2	+ 3·02	− 0·77	2402	1321				3136
1075	64 43						1316				
1076	128 1 18·71	51·54	3	+ 3·04	+ 0·39	2397	1322				3141
1077	142 47 57·96	51·56	3	+ 3·06	+ 1·00	2409	1326				3138
1078	130 12 34·46	51·61	4	+ 3·17	− 0·37	2411	1328				3153
1079	151 24 4·85	51·36	2	+ 3·17	− 0·81	2432	1333				3148
1080	130 9 7·15	50·95	1	+ 3·17	− 1·38	2412	1329				3154

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1081	2204	6·7	Taylor 2653 - - -	6 36 42·87	51·97	2	+1·631	−0·33
1082	2205	6·7	Taylor 2654 - - -	6 36 45·19	51·97	2	+1·628	−0·25
1083	2207	6·7	Piazzi VI–223 - -	6 37 12·05	52·13	2	+2·031	−0·37
1084	2212	6	Piazzi VI–230 - -	6 38 23·04	52·11	3	+2·002	−0·19
1085	2213	1	9 Canis Majoris - *α*	6 38 32·27	52·05	149	+2·680	−0·34
1086	2214	5·6	10 Canis Majoris - -	6 38 46·10	52·13	1	+2·281	−0·12
1087	2215	6	Taylor 2671 - - -	6 39 6·54	51·91	2	+1·483	−0·14
1088	2217	6	Piazzi VI–233 - -	6 39 31·27	52·15	2	+2·575	−0·27
1089	2218	6	Piazzi VI–239 - -	6 39 46·28	52·16	1	+2·260	−0·49*
1090	2219	6	Piazzi VI–238 - -	6 39 48·18	52·21	3	+2·286	−0·21
1091	2221	7	11 Canis Majoris - -	6 40 0·63	51·80	1	+2·736	−0·16
1092	2224	6·7	12 Canis Majoris - -	6 40 36·18	52·16	1	+2·570	−0·31
1093	2225	6	Piazzi VI–245 - -	6 41 3·63	52·13	2	+2·057	−0·27
1094	2226	6·7	Taylor 2689 - - -	6 41 4·73	52·13	2	+1·991	−0·35
1095	2227	7·6	Taylor 2693 - - -	6 41 7·21	51·84	2	+1·221	−0·57
1096	2229	6·7	Cape 1840 Cat., No. 763	6 41 23·24	51·07	3	−2·885	+0·12
1097		8	Canis Majoris - -	6 41 26·74	52·14	1	+2·288	
1098	2231	5	Puppis - - *x*	6 42 13·65	52·05	2	+2·053	−0·35
1099	2232	6	Taylor 2704 - - -	6 42 27·87	51·96	2	+1·373	−0·08
1100	2234	7·6	Taylor 2705 - - -	6 42 40·27	51·82	2	+1·630	−0·26
1101	2236	7	Cape 1840 Cat., No. 766	6 42 47·25	52·25	3	−0·131	−0·09
1102	2240	7·6	Taylor 2712 - - -	6 43 33·08	52·04	2	+1·656	−0·25
1103	2242	7	Taylor 2713 - - -	6 43 45·45	52·07	4	+1·819	−0·14
1104	2244	7·6	Taylor 2716 - - -	6 44 6·25	51·94	2	+2·398	−0·12
1105	2245	7	Taylor 2718 - - -	6 44 10·54	52·08	1	+1·820	−0·51*
1106	2246	4·3	13 Canis Majoris - *κ*	6 44 14				
1107	2250	5·6	Carinæ - - - O	6 44 23·73	52·07	1	+1·171	−0·47
1108	2251	6·5	Piazzi VI–261 - -	6 44 43·44	52·06	2	+2·266	−0·19
1109		8·9	Taylor 2723 - - -	6 44 46·40	52·05	1	+2·266	
1110	2252	5·6	Piazzi VI–267 - -	6 45 25·14	51·91	1	+2·181	−0·18
1111	2256	3	Argûs - - - *τ*	6 46 12·97	51·92	2	+1·485	−0·19
1112	2258	5·6	Puppis - - - *υ*	6 46 25·18	52·02	3	+2·118	−0·20
1113	2259	5	Carinæ - - - B	6 46 36·03	51·84	2	+1·304	−0·41
1114	2260	3·4	Pictoris - - *α*	6 46 38·94	52·10	2	+0·631	−0·01
1115	2263	5·6	15 Canis Majoris - -	6 47 3·84	52·37	2	+2·594	−0·06
1116	2264	4·5	14 Canis Majoris - *θ*	6 47 13·32	51·82	2	+2·796	−0·05
1117	2266	6	Piazzi VI–278 - -	6 47 35·82	52·10	2	+2·365	−0·11
1118	2267	5	16 Canis Majoris - o^1	6 47 54				
1119	2268	6·7	Taylor 2753 - - -	6 47 57·64	52·06	2	+1·880	−0·03
1120	2269	6·7	17 Canis Majoris - -	6 48 34·18	52·06	2	+2·590	−0·10
1121	2272	5·6	19 Canis Majoris - -	6 49 7·27	52·11	2	+2·597	+0·06
1122	2273	5	18 Canis Majoris *μ*	6 49 14·27	52·03	1	+2·749	−0·04
1123	2274	5	20 Canis Majoris - *ι*	6 49 26·86	52·12	2	+2·675	+0·05
1124	2276	6	Taylor 2767 - - -	6 49 35·39	52·13	2	+1·280	−0·28
1125	2277	6	Piazzi VI–291 - -	6 49 43·52	52·13	2	+1·888	−0·33

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1081	137 28						1331				3156
1082	137 32					2421	1332				3157
1083	128 15 17·26	51·64	3	+ 3·24	− 0·55	2418	1335				3159
1084	129 2 40·43	51·40	2	+ 3·34	+ 0·01	2430	1338				3174
1085	106 30						1337	133	157	100	3176
1086	120 55 11·62	51·61	3	+ 3·38	+ 0·43	2429					3177
1087	140 18 11·48	51·41	2	+ 3·41	+ 0·26	2444	1340				3175
1088	110 37 12·05	51·53	2	+ 3·44	+ 1·41						3185
1089	121 37 34·15	51·41	2	+ 3·46	+ 8·16*	2437	1341				3187
1090	120 47 40·32	51·78	4	+ 3·47	+ 0·14	2438					3188
1091	104 16 10·33	51·04	1	+ 3·48	− 1·29						3193
1092	110 51 25·57	51·73	3	+ 3·53	+ 0·46						3200
1093	127 37 2·34	51·72	3	+ 3·57	+ 0·89	2447	1345				3203
1094	129 22 57·80	51·41	2	+ 3·58	+ 0·16	2449	1346				3202
1095	144 34 34·64	51·40	2	+ 3·58	+ 1·44	2459	1352				3196
1096	167 32					2527	1364				3178
1097	120 47										
1098	127 46 0·86	51·39	2	+ 3·67	+ 0·55	2455	1359				3212
1099	142 14 59·44	51·40	2	+ 3·69	+ 0·22	2471	1360				3211
1100	137 38 33·95	51·65	3	+ 3·71	+ 0·92	2469	1361				3215
1101	157 41					2495	1367				3207
1102	137 8 3·78	51·47	2	+ 3·79	+ 1·00	2476	1366				3221
1103	133 38 8·65	51·43	2	+ 3·81	− 1·84	2475	1368				3225
1104	117 9 49·23	51·49	2	+ 3·84	− 0·78	2470	1369				3233
1105	133 38 1·30	51·43	2	+ 3·84	− 1·12	2481	1372				3231
1106	122 20 19·27	51·48	2	+ 3·85	− 1·85	2474	1371	135	158		3234
1107	145 22 29·30	51·38	2	+ 3·86	− 0·08	2490	1376				3229
1108	121 32 4·89	51·50	2	+ 3·89	− 0·43	2479	1375				3239
1109	121 31										
1110	124 11 35·66	51·69	4	+ 3·95	− 0·31	2486	1378				3248
1111	140 26 15·14	51·32	2	+ 4·02	+ 3·69	2505	1383		159		3252
1112	126 3 0·17	51·39	2	+ 4·03	+ 1·39	2493	1382				3257
1113	143 26 54·88	51·35	2	+ 4·05	+ 1·22	2511	1388				3255
1114	151 46					2525	1389		161		3253
1115	110 2 33·52	51·42	2	+ 4·09	+ 0·45						3267
1116	101 51 17·43	51·48	2	+ 4·10	− 0·94				160		3270
1117	118 20 20·38	51·37	2	+ 4·14	− 0·87	2501	1390				3272
1118	113 59 59·15	51·36	2	+ 4·16	+ 0·67	2506	1393		162		3279
1119	132 19 21·13	51·33	2	+ 4·17	− 1·44	2518	1395				3275
1120	110 13 1·88	50·95	1	+ 4·22	+ 0·39						3286
1121	109 56 56·22	51·48	2	+ 4·27	− 0·53						3292
1122	103 51 11·33	50·96	1	+ 4·28	+ 1·02						3294
1123	106 51 49·77	51·40	2	+ 4·29	+ 0·47				163		3296
1124	143 54 19·59	51·61	3	+ 4·31	+ 1·10	2537	1401				3291
1125	132 10 41·73	51·42	2	+ 4·32	− 1·23	2530	1400				3295

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1126	2279	6	Taylor 2772	6 50 19·32	52·18	2	+1·492	−0·21
1127	2284	7·8	Canis Majoris	6 50 43·10	51·14	2	+2·469	+0·05
1128	2281	6	Piazzi VI–300	6 51 22·58	52·18	2	+2·479	−0·19
1129	2282	6·7	Taylor 2780	6 51 22·62	52·19	2	+2·153	−0·12
1130	2286	6·7	Volantis	6 51 38·95	52·20	1	−0·472	−0·35
1131	2288	6·7	Puppis	6 51 55·81	52·21	2	+2·148	−0·36
1132	2289	5	Taylor 2789	6 52 16·47	52·23	2	+1·597	−0·24
1133	2290	5	Mensæ ζ	6 52 26·17	52·24	2	−4·836	+0·20
1134	2291	6	Piazzi VI–303	6 52 27·02	51·86	1	+2·458	+0·01
1135	2293	3	21 Canis Majoris ϵ	6 52 43·88	51·99	70	+2·356	−0·08
1136	2295	5·6	Puppis *t*	6 52 55·30	52·25	2	+2·196	+0·32
1137	2296	7·6	Taylor 2793	6 52 56·35	52·95	2	+1·832	+0·16
1138	2297	6	Volantis *ι*	6 53 8·99	52·96	2	−0·661	+0·15
1139	2298	7	Piazzi VI–307	6 53 11·22	52·55	2	+2·357	−0·24
1140	2302	6	Piazzi VI–314	6 54 19·89	52·96	2	+1·745	+0·06
1141		9	Canis Majoris	6 54 31·85	51·08	1	+2·445	
1142		7	Canis Majoris	6 54 41·28	52·38	4	+2·442	−0·14
1143	2305	4	43 Geminorum ζ	6 55 12·53	51·96	9	+3·563	
1144	2307	5·6	19 Monocerotis	6 55 27·95	51·70	4	+2·979	−0·05
1145	2308	7·6	Taylor 2817	6 55 44·06	52·18	2	+1·181	−0·12
1146	2309	4·3	22 Canis Majoris	6 55 44·65	52·16	2	+2·389	−0·01
1147	2310	6·7	Taylor 2818	6 55 47·12	52·19	2	+1·133	−0·04
1148	2311	7·8	Piazzi VI–319	6 56 0·04	52·95	2	+2·979	−0·06
1149	2315	7·6	Puppis	6 56 24·60	52·15	2	+2·152	−0·18
1150	2316	7·6	Taylor 2821	6 56 26·17	52·17	2	+1·583	−0·06
1151	2318	4	24 Canis Majoris o^2	6 56 45·78	52·06	2	+2·504	−0·12
1152	2319	4·5	23 Canis Majoris γ	6 56 58·41	51·82	2	+2·714	−0·17
1153	2321	5·6	Carinæ S	6 57 12·93	52·10	2	+1·460	−0·14
1154	2324	6	Piazzi VI–327	6 57 37·20	52·07	2	+1·855	−0·26
1155	2325	6	Taylor 2837	6 58 45·62	52·00	2	+0·942	−0·23
1156	2327	5	Puppis C	6 59 17·65	52·21	3	+1·902	−0·12
1157	2328	6·5	Piazzi VI–336	6 59 21·45	52·13	2	+1·849	−0·36*
1158		7	Cape 1840 Cat., No. 804	6 59 23·23	52·13	2	+1·850	−0·63*
1159	2332	5	Puppis H	6 59 59·76	52·05	2	+1·566	−0·40
1160	2333	6·5	Cape 1840 Cat., No. 806	7 0 5·69	52·15	2	−0·079	−0·52*
1161	2335	6·7	Taylor 2853	7 0 53·52	52·13	2	+2·057	−0·18
1162	2336	5·6	Taylor 2856	7 0 56·97	52·07	2	+0·928	−0·29
1163	2337	7·6	Piazzi VI–344	7 1 12·18	51·93	2	+1·906	−0·39
1164	2339	5	Taylor 2861	7 1 30·52	52·07	3	+1·121	−0·11
1165	2342	6·7	Taylor 2862	7 1 42				
1166	2344	5·6	Puppis D	7 2 12·59	52·09	2	+1·965	−0·33
1167	2345	2	25 Canis Majoris δ	7 2 17·64	51·94	2	+2·439	−0·12
1168	2348	4·5	20 Monocerotis	7 2 46·60	51·82	2	+2·980	+0·03
1169	2351	6·5	Piazzi VII–13	7 3 32·23	52·04	2	+2·472	−0·17
1170	2353	6	Carinæ P	7 3 37·60	51·97	2	+1·441	−0·25

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1162. Double Star—Herschel 3003; component 7 magnitude.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1126	140 25 54·59	51·56	3	+ 4·37	− 3·62	2541	1406				3301
1127	114 46 30·71	51·97	1	+ 4·40	− 0·37	2538					3309
1128	114 26 17·03	51·44	2	+ 4·46	− 1·77	2535	1410				3314
1129	125 8 45·98	51·50	2	+ 4·46	+ 0·09	2539	1411				3312
1130	159 48 4·09	51·83	1	+ 4·48	+ 1·71	2586	1420				3304
1131	125 18 38·41	51·42	2	+ 4·51	+ 0·01	2546	1412				3317
1132	138 31 32·20	51·40	2	+ 4·54	+ 0·32	2557	1418				3319
1133	170 38 53·91	51·05	2	+ 4·55	− 0·14	2648	1435				3290
1134	115 12 50·72	51·57	2	+ 4·55	− 0·01		1416				3324
1135	118 46 16·77	50·68	1	+ 4·57	− 1·16	2550	1419	138	164	87	3331
1136	123 54 39·45	51·59	2	+ 4·59	+ 2·01	2554	1421				3332
1137	133 35 21·66	51·67	3	+ 4·59	− 0·02	2561	1422				3330
1138	160 46 30·82	51·07	2	+ 4·61	+ 0·34	2597	1428				3315
1139	118 45										3337
1140	135 33 46·59	51·50	2	+ 4·71	+ 1·45	2576	1430				3348
1141	115 46										
1142	115 53					2573					3356
1143	69 12						1431				
1144	94 1										3372
1145	145 31 8·23	51·41	2	+ 4·83	+ 3·36	2594	1439				3362
1146	117 43 23·37	51·05	2	+ 4·83	− 1·11	2581	1437	139	165		3370
1147	146 11					2598	1440				3363
1148	94 3										3377
1149	125 20 5·67	52·07	2	+ 4·89	+ 0·36	2589	1444				3376
1150	138 55 23·85	51·40	2	+ 4·89	+ 1·64	2595	1446				3375
1151	113 37 2·35	51·47	2	+ 4·92	+ 1·32	2588	1445		166		3383
1152	105 24 54·40	51·56	2	+ 4·93	+ 1·52			140	167		3385
1153	141 11 25·30	51·64	3	+ 4·96	+ 1·31	2601	1451				3381
1154	133 11 16·56	51·67	3	+ 4·99	− 1·06	2600	1453				3386
1155	148 43 46·47	51·39	2	+ 5·09	− 1·03	2621	1461				3394
1156	132 7 5·29	51·57	3	+ 5·13	− 1·46	2607	1462				3404
1157	133 24 6·68	51·40	2	+ 5·14	− 9·04*	2608	1464				3405
1158	133 24 16·92	51·40	2	+ 5·14	− 8·75*		1465				3406
1159	139 22 0·54	51·35	2	+ 5·19	− 3·17	2624	1467				3410
1160	157 42 35·77	52·05	2	+ 5·20	− 4·91*	2646	1472				3403
1161	128 9 17·94	51·37	2	+ 5·27	− 0·26	2625	1470				3423
1162	148 57 16·86	51·35	3	+ 5·27	+ 1·33	2640	1475				3418
1163	132 5 59·72	51·35	2	+ 5·29	− 1·48	2631	1473				3426
1164	146 31					2642	1477				3425
1165	133 22 50·58	51·49	2	+ 5·34	+ 0·75	2636	1476				3431
1166	130 39					2638	1479				3435
1167	116 9 31·35	51·36	2	+ 5·38	− 0·80	2633	1478	143	168		3438
1168	94 0 23·85	51·14	1	+ 5·43	+ 1·66						3446
1169	114 59 29·44	51·44	2	+ 5·49	+ 1·02	2641	1484				3451
1170	141 44 6·71	51·32	2	+ 5·50	− 1·37	2651	1488				3447

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1171	2354	6·7	21 Monocerotis - -	7 3 43·63	52·09	1	+3·070	−0·16
1172	2355	5·4	Puppis - - A	7 3 48·98	52·11	2	+2·014	−0·15
1173	2357	6	Taylor 2890 - -	7 3 54·32	52·09	2	+1·428	−0·39
1174	2358	5	22 Monocerotis - -	7 4 12·13	52·09	2	+3·066	+0·06
1175	2360	6·7	Puppis - - -	7 4 30·77	51·21	3	+1·782	+0·01
1176	2362	7	51 Geminorum - - -	7 4 45·31	52·17	3	+3·449	−0·02
1177	2366	7	23 Monocerotis - -	7 5 37·94	51·82	2	+3·071	−0·08
1178	2370	5·6	Mensæ - - θ	7 5 58·45	52·14	2	−3·650	+0·01
1179	2368	6·7	26 Canis Majoris - -	7 6 4·09	51·94	2	+2·454	−0·17
1180	2372	7	Taylor 2911 - - -	7 6 17·19	52·05	2	+2·039	−0·30
1181	2371	6·7	Taylor 2910 - - -	7 6 17·43	52·06	2	+2·314	−0·19
1182	2375	5·5	Cape 1840 Cat., No. 824	7 6 45				
1183	2384	6·7	Cape 1840 Cat., No. 826	7 6 46·70	52·13	2	−0·195	−0·16
1184	2378	6·7	Taylor 2917 - - -	7 7 6·29	51·97	2	+2·131	−0·20
1185	2380	5	Puppis - - E	7 7 17				
1186	2385	7·6	Piazzi VII–44 - -	7 8 1·06	52·12	1	+2·308	−0·28
1187	2386	6·7	Canis Majoris - -	7 8 7·71	52·14	2	+2·330	−0·11
1188	2388	5	27 Canis Majoris - -	7 8 8·56	52·06	2	+2·445	−0·28
1189	2389	5·4	Puppis - - I	7 8 17·08	52·08	2	+1·723	−0·49
1190	2391	5	28 Canis Majoris - -	7 8 43·53	52·09	2	+2·434	−0·09
1191	2392	5	Puppis - - L^1	7 8 44·28	52·13	2	+1·797	−0·24
1192	2393	6	Bradley 1061 - -	7 8 47·50	52·16	2	+2·426	−0·10
1193	2394	6·7	Taylor 2937 - - -	7 8 49·30	52·11	3	+2·322	−0·33
1194	2395	5	Puppis - - L^2	7 8 57·90	52·09	2	+1·821	−0·01
1195	2396	6	Cape 1840 Cat., No. 838	7 8 58·64	52·18	2	+1·841	−0·19
1196	2399	5·6	Canis Majoris - -	7 9 32·83	52·05	1	+2·322	−0·12
1197		7	Puppis - - -	7 9 50·45	52·11	1	+1·653	−0·14
1198		7·8	Cape 1840 Cat., No. 841	7 9 57·77	52·19	2	−0·482	
1199	2400	5	Volantis - - γ	7 9 59·91	52·19	2	−0·482	+0·18
1200	2401	6·7	Piazzi VII–58 - -	7 10 3·74	51·91	2	+1·956	−0·38
1201	2402	6·7	Taylor 2950 - - -	7 10 17·32	51·99	3	+1·354	−0·33
1202	2403	6	Taylor 2952 - - -	7 10 27·62	52·18	2	+1·724	−0·14
1203	2404	5·6	Cape 1840 Cat., No. 845	7 10 30·11	52·01	2	+1·655	−0·35
1204	2405	5·6	Piazzi VII–59 - -	7 10 34·36	52·21	2	+2·404	−0·08
1205	2408	6	Carinæ - - -	7 10 36·63	52·23	2	+0·578	+0·12
1206	2411	6·7	Volantis - - -	7 11 7·66	52·23	2	−0·034	−0·05
1207	2410	3·4	55 Geminorum - - δ	7 11 9·64	51·89	19	+3·592	−0·04
1208	2412	6	Piazzi VII–65 - -	7 11 20·83	52·07	2	+2·075	−0·20
1209	2413	5·6	Piazzi VII–66 - -	7 11 29·09	52·24	2	+2·135	−0·16
1210	2414	3	Argûs - - - π	7 11 50·61	52·25	2	+2·119	+0·15
1211	2415	5·6	Taylor 2964 - - -	7 11 55·61	52·28	1	+1·730	+0·12
1212	2417	6·5	29 Canis Majoris - -	7 12 25·76	52·17	2	+2·498	−0·12
1213	2418	4·5	30 Canis Majoris - -	7 12 29·25	52·09	1	+2·487	−0·01
1214	2420	7	Taylor 2971 - - -	7 12 45·34	52·21	1	+2·322	−0·37
1215	2421	6·7	Taylor 2979 - - -	7 12 57·92	52·14	2	+1·017	−0·33

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1171	90 3 31·59	50·99	1	+ 5·51	+ 1·01						3456
1172	129 25 3·04	51·39	2	+ 5·51	− 0·07	2649	1486		169		3453
1173	141 58 13·20	51·59	3	+ 5·52	− 0·44	2652	1492				3450
1174	90 14 55·95	51·87	1	+ 5·55	− 1·48				170		3461
1175	135 5					2653	1493				3458
1176	73 35										3467
1177	92 0 37·20	50·99	1	+ 5·67	+ 0·46						3474
1178	169 11					2758	1513				3444
1179	115 41 41·66	51·35	2	+ 5·70	− 0·36	2656					3476
1180	128 51 23·34	51·34	2	+ 5·72	− 1·05	2665	1499				3477
1181	120 34 25·73	51·59	3	+ 5·72	− 0·19	2660	1498				3478
1182	138 41 35·41	52·06	1	+ 5·76	− 3·56	2673					3483
1183	158 35					2704	1515				3469
1184	126 17 38·83	51·39	2	+ 5·79	− 0·03	2668	1502				3489
1185	130 14 51·66	50·20	2	+ 5·81	+ 0·18	2672	1504				3490
1186	120 49 46·56	51·40	2	+ 5·87	− 0·40	2676					3494
1187	120 5 6·71	51·44	2	+ 5·87	− 0·85	2677	1509				3496
1188	116 5 50·29	51·53	2	+ 5·88	+ 0·57	2674			171		3499
1189	136 30 39·24	51·32	2	+ 5·89	− 1·68	2687	1512		172		3493
1190	116 30 55·67	51·54	2	+ 5·92	+ 0·38	2681	1514				3506
1191	134 55 27·52	51·66	3	+ 5·93	+ 1·70	2690	1516		173		3501
1192	116 46 46·06	51·52	2	+ 5·93	+ 0·14	2682					3509
1193	120 23 59·65	51·46	2	+ 5·93	− 0·91		1518				3507
1194	134 23 51·99	51·47	2	+ 5·94	− 8·58*	2691	1520				3505
1195	145 54 15·23	51·43	2	+ 5·95	+ 1·11	2702	1521				3500
1196	120 25 37·97	51·60	3	+ 5·99	− 0·48	2688	1522				3516
1197	138 2					2703					3514
1198	160 15 8·41	51·08	2	+ 6·03			1529				
1199	160 15 14·97	51·08	2	+ 6·03	− 1·83	2746	1530		174		3503
1200	131 10 1·36	51·52	2	+ 6·04	− 1·14	2700	1524				3524
1201	143 24 34·57	51·53	2	+ 6·06	+ 0·85	2715	1527				3522
1202	136 35 20·20	51·44	2	+ 6·07	+ 1·73	2710	1528				3527
1203	138 0					2711					3528
1204	117 37 8·79	51·74	3	+ 6·08	− 0·56	2697	1526				3534
1205	152 56 3·09	51·58	3	+ 6·08	+ 0·22	2735	1533				3520
1206	157 42					2751	1537				3525
1207	67 44									152	3551
1208	128 3 15·34	51·52	2	+ 6·14	− 0·25	2713	1534				3544
1209	126 19 38·18	51·45	2	+ 6·15	− 0·77	2714	1535				3547
1210	126 49 52·24	51·42	2	+ 6·19	− 1·07	2720	1536	145	175	76	3550
1211	136 30 37·48	51·34	2	+ 6·19	− 0·29	2732	1538				3548
1212	114 17 17·36	51·55	2	+ 6·23	+ 1·56	2718					3560
1213	114 41 2·14	51·43	2	+ 6·24	+ 0·43	2721					3562
1214	120 31 40·84	51·66	3	+ 6·26	+ 0·56	2729	1542				3563
1215	148 16 36·66	51·40	2	+ 6·28	+ 0·56	2752	1551				3557

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1216	2422	5	Piazzi VII–74 - -	7 12 58·56	52·18	3	+2·133	−0·23
1217	2425	5	Piazzi VII–78 - -	7 13 18·27	52·19	1	+2·133	−0·17
1218	2426	5·6	Puppis - - M	7 13 25·85	52·15	2	+1·857	−0·34
1219	2427	5	Puppis - - F	7 13 26·55	52·19	2	+2·046	−0·03
1220	2428	7·6	Taylor 2985 - - -	7 13 38·84	52·11	2	+2·233	−0·16
1221	2430	6·7	Taylor 2986 - - -	7 13 55·48	52·13	2	+2·089	−0·43
1222	2435	7	Taylor 2994 - - -	7 14 29·25	52·02	3	+1·803	−0·79*
1223	2436	6·7	Piazzi VII–88 - -	7 14 54·74	52·06	2	+2·464	−0·08
1224	2437	6	Piazzi VII–86 - -	7 15 3·99	52·02	2	+2·944	−0·18
1225	2443	7	Taylor 3010 - - -	7 16 27·35	51·24	2	+2·272	−0·11
1226	2445	6	Taylor 3018 - - -	7 16 44·40	52·02	2	+1·453	−0·15
1227		6·7	Taylor 3019 - - -	7 16 45·02	52·02	2	+1·453	−0·47
1228	2446	7	Piazzi VII–96 - -	7 16 52·20	52·09	3	+2·289	−0·20
1229	2447	4·5	Volantis - - δ	7 16 53·59	52·15	3	−0·005	−0·14
1230	2449	6	Puppis - - - *s*	7 17 16·61	52·12	3	+2·294	−0·16
1231	2450	6·5	Taylor 3029 - - -	7 17 24·05	52·11	2	+1·200	−0·16
1232	2452	6	Piazzi VII–102 - -	7 17 49·06	52·16	2	+2·286	−0·12
1233	2453	7	Taylor 3033 - - -	7 17 49·78	52·16	2	+2·338	−0·11
1234	2454	6	Piazzi VII–100 - -	7 17 53·49	52·06	2	+2·711	−0·07
1235	2456	7·6	Taylor 3037 - - -	7 18 2·55	52·13	2	+2·346	−0·16
1236	2458	3	31 Canis Majoris - *η*	7 18 9·84	52·11	2	+2·372	−0·30
1237		7	Cape 1840 Cat., No. 870	7 18 56·82	52·13	2	+2·301	
1238	2461	6	Piazzi VII–108 - -	7 18 59·06	52·11	3	+2·299	−0·15
1239	2466	6·7	Piazzi VII–113 - -	7 19 57·49	52·05	1	+2·303	−0·07
1240	2470	5	Piazzi VII–116 - -	7 20 48·46	52·01	2	+2·821	+0·01
1241	2471	6	Piazzi VII–119 - -	7 21 7·95	51·91	1	+2·230	−0·13
1242	2474	6·5	Taylor 3067 - - -	7 21 34·49	52·07	2	+1·049	−0·42
1243	2475	6	Piazzi VII–122 - -	7 22 1·99	52·12	2	+2·381	−0·18
1244	2476	5·6	Carinæ - - R	7 22 31·00	52·10	2	+1·541	−0·21
1245	2477	7·6	Piazzi VII–124 - -	7 23 5·60	52·06	2	+2·304	−0·21
1246		7·8	Cape 1840 Cat., No. 880	7 23 6·47	52·06	2	+2·304	−0·23
1247	2478	6	Piazzi VII–125 - -	7 23 17·51	52·11	2	+2·316	−0·05
1248	2479	5	Puppis - - - *y*	7 23 54·26	52·09	2	+2·078	−0·21
1249	2481	6·7	Volantis - -	7 24 16·16	51·25	3	−0·421	−0·54
1250	2482	3	Argûs - - - *σ*	7 24 28·41	52·11	2	+1·908	−0·05
1251	2484	5	Piazzi VII–137 - -	7 24 52·66	52·09	2	+2·333	+0·04
1252	2485	1·2	66 Geminorum - - α^1	7 25 0·79	52·19	1	+3·856	
1253	2485	2·1	66 Geminorum - - α^2	7 25 1·34	51·98	4	+3·856	−0·06
1254	2486	5	68 Geminorum - - -	7 25 2·49	51·19	1	+3·431	
1255	2490	6	Taylor 3098 - - -	7 26 21·55	52·06	3	+1·460	−0·28
1256	2492	6	Taylor 3099 - - -	7 26 32·75	51·87	2	+1·574	−0·25
1257	2494	6·7	Taylor 3102 - - -	7 26 53·55	52·01	2	+2·508	−0·18
1258	2496	6	Taylor 3106 - - -	7 27 7·75	52·12	2	+1·357	−0·38
1259	2497	6	Puppis - - - n^1	7 27 58·39	52·10	2	+2·541	−0·34
1260	2498	6	Puppis - - - n^2	7 27 59·14	52·10	2	+2·541	−0·43

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1216	126 27 47·49	51·67	3	+ 6·28	+ 0·69	2733	1544				3566
1217	126 28 14·41	51·67	3	+ 6·31	+ 1·17	2736	1548				3570
1218	133 42 55·79	51·44	2	+ 6·32	− 0·28	2742	1553				3569
1219	128 56 18·83	51·61	3	+ 6·32	+ 0·24	2739	1552				3571
1220	123 27 11·47	51·67	3	+ 6·33	+ 1·30	2738	1554				3573
1221	127 45 54·63	51·50	2	+ 6·36	+ 0·19		1556				3574
1222	135 1 38·54	51·65	3	+ 6·40	− 2·60*	2754	1557				3576
1223	115 36 48·57	51·02	1	+ 6·44	− 0·98	2749	1561				3586
1224	95 42 2·80	51·10	2	+ 6·45	+ 2·29						3590
1225	122 1					2763	1570				3602
1226	142 2					2779	1578				3598
1227	142 1										3599
1228	121 45 41·65	51·46	2	+ 6·60	− 0·54	2766	1575				3613
1229	157 40 56·85	51·35	2	+ 6·60	− 0·06	2809	1586		176		3593
1230	121 38 15·03	51·46	2	+ 6·64	+ 0·56	2769	1581				3615
1231	146 0 53·53	51·44	2	+ 6·65	+ 0·06	2798	1588				3612
1232	121 54 51·30	51·50	2	+ 6·68	− 0·18	2773	1585				3619
1233	120 9 43·19	51·50	2	+ 6·68	− 0·83	2771	1584				3620
1234	105 54 38·88	50·96	1	+ 6·69	− 0·36						3625
1235	119 55 41·29	51·68	3	+ 6·70	− 0·28	2774	1590				3624
1236	119 0 49·62	51·52	3	+ 6·71	− 0·49	2777	1591	146	177	86	3627
1237	121 29 26·52	51·44	2	+ 6·77							
1238	121 31 1·61	51·29	4	+ 6·78	+ 0·34	2793	1598				3633
1239	121 26 36·75	51·70	4	+ 6·86	+ 0·36	2802	1601				3645
1240	101 15 23·09	51·43	2	+ 6·93	+ 0·96						3653
1241	123 50 30·81	51·62	3	+ 6·95	− 0·22	2810	1609				3655
1242	148 12					2827	1616				3652
1243	118 51 10·48	51·36	2	+ 7·03	+ 1·52	2817	1614				3663
1244	140 43 3·56	51·44	2	+ 7·07	+ 0·66	2829	1619				3665
1245	121 32 33·04	51·48	2	+ 7·11	− 0·32	2821	1622				3672
1246	121 32 27·50	51·48	2	+ 7·11	+ 0·51						3673
1247	121 8 58·33	51·56	3	+ 7·13	− 0·13	2823	1624				3676
1248	128 30 17·71	51·46	2	+ 7·18	− 0·36	2832	1628				3681
1249	160 20					2862	1636				3669
1250	133 0 0·53	51·71	5	+ 7·23	− 0·56	2837	1631	147	178		3683
1251	120 38 59·95	51·66	3	+ 7·26	+ 0·33	2834	1634				3689
1252	57 47						1630				
1253	57 47						1630			163	3696
1254	73 51										
1255	142 20 23·20	51·45	2	+ 7·38	− 0·94	2851	1640				3698
1256	140 17					2850	1643				3701
1257	114 23 29·38	51·46	2	+ 7·42	+ 0·37	2844	1642				3710
1258	144 5 5·01	51·05	2	+ 7·44	− 0·01	2861	1647				3705
1259	113 8 59·70	51·63	4	+ 7·51	+ 1·91	2849	1648				3719
1260	113 9 2·67	51·63	4	+ 7·51	+ 0·97		1648				3720

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				h m s			s	s
1261	2500	6	Puppis - - - *g*	7 28 18·12	52·05	3	+2·472	−0·19
1262	2502	6	Puppis - - - *z*	7 28 25·66	52·08	2	+2·171	−0·30
1263		6	Puppis - - - -	7 29 10·22	52·18	2	+2·759	−0·10
1264	2507	7·6	Taylor 3126 - - -	7 29 14·42	52·15	2	+1·415	−0·35
1265	2508	5	Puppis - - - *p*	7 29 21·62	52·12	2	+2·412	−0·20
1266	2510	6·7	Taylor 3132 - - -	7 29 30·08	52·18	3	+1·584	−0·12
1267	2513	5	25 Monocerotis - - -	7 29 49·16	52·21	2	+2·990	−0·17
1268	2515	7·6	Taylor 3137 - - -	7 30 9·23	52·21	2	+1·880	0·00
1269	2520	7·6	Taylor 3143 - - -	7 30 55·47	52·22	1	+1·029	+0·26
1270	2522	1	10 Canis Minoris - *α*	7 31 26·91	52·18	62	+3·192	−0·21
1271	2523	5	Puppis - - - *f*	7 31 49·24	52·23	2	+2·221	−0·24
1272	2524	5·6	Carinæ - - - Q	7 31 57·03	52·99	2	+1·484	−0·01
1273	2525	5	Puppis - - - *m*	7 32 3·56	52·18	2	+2·496	−0·22
1274	2528	6	Puppis - - - -	7 32 26·82	52·24	2	+2·121	−0·07
1275	2529	6·5	Puppis - - - Y^1	7 32 31·86	52·25	1	+1·681	−0·11
1276	2530	5·6	Puppis - - κ^1	7 32 40·96	52·17	1	+2·459	−0·50
1277	2531	5	Puppis - - - κ^2	7 32 41·33	52·17	1	+2·459	−0·33
1278	2534	6·7	Taylor 3163 - - -	7 32 50·37	52·09	2	+1·280	−0·01
1279	2535	6·7	Taylor 3170 - - -	7 33 17·66	52·30	2	+2·096	+0·05
1280	2536	6	Puppis - - - *e*	7 33 17·75	52·24	2	+2·174	+0·01
1281	2538	6	Puppis - - -	7 33 31·57	52·21	2	+2·744	0·00
1282	2539	5	Mensæ - - ϵ	7 33 46·88	51·25	2	−3·110	−0·43
1283	2541	6	Puppis - - Y^2	7 34 3·73	53·00	2	+1·697	+0·01
1284	2542	4	26 Monocerotis - γ	7 34 4·97	52·94	2	+2·872	−0·22
1285	2543	5·6	Puppis - - d^1	7 34 10·27	52·97	1	+2·115	−0·06
1286	2545	6·5	Puppis - - - d^2	7 34 25·73	52·96	1	+2·121	−0·07
1287	2546	6	Puppis - - - d^3	7 34 30·47	52·96	2	+2·117	−0·18
1288	2547	6	Puppis - - - d^4	7 34 36·86	52·97	2	+2·140	−0·16
1289	2550	7·6	Taylor 3187 - - -	7 35 5·24	52·96	1	+1·677	−0·15
1290	2552	6	Taylor 3188 - - -	7 35 22				
1291	2551	4	77 Geminorum - - κ	7 35 23·20	52·17	4	+3·634	
1292	2553	7·6	Taylor 3189 - - -	7 35 28				
1293	2554	5	Piazzi VII–193 - -	7 35 59·46	52·21	2	+2·110	−0·21
1294	2555	1·2	78 Geminorum - - β	7 36 7·84	52·10	36	+3·731	−0·12
1295	2557	6	Bradley 1116 - -	7 36 36·72	52·09	2	+2·476	−0·14
1296	2559	6·7	Taylor 3202 - - -	7 37 27·23	52·23	2	+1·372	−0·12
1297	2560	5·6	1 Puppis - - - -	7 37 29·22	52·18	2	+2·422	−0·24
1298	2561	6	Piazzi VII–203 - -	7 37 42·68	52·24	2	+2·196	−0·13
1299	2562	5	3 Puppis - - - -	7 37 47·26	52·25	2	+2·407	−0·10
1300	2565	6·7	B.F. 1089 - - -	7 38 15·88	52·26	1	+2·521	−0·08
1301	2566	5	Puppis - - - T	7 38 18·52	52·21	2	+1·864	−0·06
1302	2567	6	Cape 1840 Cat., No. 929	7 38 23·48	51·26	2	−1·150	−0·37
1303	2568	6	Piazzi VII–208 - -	7 38 24·20	52·29	2	+2·127	−0·30
1304		6·7	Taylor 3211 - - -	7 38 34·62	52·31	2	+2·761	+0·08
1305	2569	7·6	2 Puppis - - - -	7 38 35·29	52·29	1	+2·760	−0·15

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1261	115 47 28·82	51·08	2	+ 7·54	+ 0·71	2854	1650				3723
1262	126 0 53·52	51·39	2	+ 7·55	− 0·43	2860	1653				3722
1263	104 9 51·51	51·02	1	+ 7·60	+ 1·01						3736
1264	143 13 55·59	51·42	2	+ 7·61	+ 0·85	2881	1659				3729
1265	118 2 27·57	51·43	2	+ 7·62	+ 0·98	2867	1657				3737
1266	140 15					2880	1660				3733
1267	93 46 47·10	51·14	1	+ 7·66	+ 1·00						3745
1268	133 58					2874	1663				3741
1269	148 52 16·22	51·98	1	+ 7·75	+ 0·64		1667				3746
1270	84 23						1666	150		131	3760
1271	124 38 2·70	51·02	1	+ 7·82	− 0·98	2890	1670				3759
1272	142 12 2·22	51·36	2	+ 7·83	+ 1·42	2902	1674				3756
1273	115 1 38·87	51·75	4	+ 7·84	+ 0·48	2888	1671				3762
1274	127 40 33·26	50·21	1	+ 7·88	− 0·63	2900	1677				3768
1275	138 29 42·71	51·42	2	+ 7·88	− 0·27	2904	1681				3765
1276	116 27 48·45	51·97	2	+ 7·89	+ 0·35	2896	1679				3773
1277	116 27 56·34	51·97	2	+ 7·89	+ 0·45		1680				3774
1278	145 33 11·63	51·36	2	+ 7·90	+ 1·08	2911	1684				3766
1279	128 26 26·08	51·46	2	+ 7·94	+ 0·31	2906	1688				3778
1280	126 9 25·07	51·47	2	+ 7·94	+ 0·31	2903	1687				3780
1281	104 55 11·02	51·58	2	+ 7·96	+ 1·93						3783
1282	168 46 31·15	51·63	4	+ 7·98	+ 1·83	2993	1708				3752
1283	138 15 40·44	51·05	2	+ 8·00	+ 0·23	2918	1694				3784
1284	99 12 17·34	51·14	1	+ 8·00	+ 0·48				179		3791
1285	127 57 56·18	51·12	2	+ 8·01	+ 0·65	2909	1692				3787
1286	127 47 46·34	51·19	2	+ 8·03	+ 0·03	2912	1695				3789
1287	127 55 1·68	51·12	2	+ 8·04	+ 0·61	2913	1697				3792
1288	127 14 4·77	51·13	1	+ 8·05	+ 2·28	2914	1698				3796
1289	138 42 27·85	51·52	2	+ 8·08	+ 0·44	2920	1702				3800
1290	142 55 47·19	51·45	2	+ 8·11	+ 0·63	2926	1705				3803
1291	65 14										
1292	145 53 9·97	51·51	2	+ 8·12	+ 1·86	2930	1706				3802
1293	128 11 7·84	51·59	2	+ 8·16	0·00	2924	1709				3811
1294	61 36						1704			160	3823
1295	115 59 52·46	50·84	1	+ 8·21	+ 1·26	2923	1710				3820
1296	144 21 26·60	51·37	2	+ 8·27	+ 0·57	2946	1719				3825
1297	118 3 26·13	51·43	2	+ 8·28	− 1·00	2932	1715				3828
1298	125 41 44·85	51·37	3	+ 8·29	+ 0·36	2939	1718				3829
1299	118 35 56·71	51·44	2	+ 8·30	+ 0·62	2938	1717		180		3831
1300	114 18 59·27	50·20	1	+ 8·34	+ 1·42	2940					3839
1301	134 47 42·77	51·69	3	+ 8·34	+13·24*	2950	1722				3832
1302	163 56					3010	1731				3819
1303	127 50 44·00	51·50	2	+ 8·35	+ 0·51	2943	1721				3836
1304	104 19 33·59	51·14	1	+ 8·36	+ 0·17						3847
1305	104 19 49·24	51·14	1	+ 8·36	− 0·20						3848

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				h m s			s	s
1306	2570	5	Puppis - - W	7 38 35·50	52·96	2	+2·030	+0·23
1307	2571	6·7	Taylor 3216 - - -	7 38 37·77	52·97	1	+1·272	0·00
1308	2572	6	Piazzi VII–212 - -	7 38 40·93	52·96	2	+2·198	−0·31
1309	2573	6	4 Puppis - - -	7 39 2				
1310	2574	7·6	Taylor 3224 - - -	7 39 11·56	52·97	2	+1·286	+0·13
1311	2575	6	Taylor 3223 - - -	7 39 13·85	52·55	4	+2·137	−0·24
1312	2577	6	Taylor 3225 - - -	7 39 25·16	51·25	2	+1·109	−0·26
1313	2578	7	82 Geminorum - - -	7 39 35·28	52·15	4	+3·598	
1314	2579	6·7	Taylor 3228 - - -	7 39 36·23	51·25	2	+1·106	−0·20
1315		7·6	Taylor 3227 - - -	7 39 44·02	52·12	2	+2·141	−0·20
1316	2580	5	Puppis - - C	7 39 54·83	52·17	3	+2·137	−0·24
1317	2581	6	Taylor 3230 - - -	7 39 59·55	51·27	1	+2·258	−0·81*
1318	2582	6	Taylor 3233 - - -	7 40 3·63	52·11	2	+1·141	−0·30
1319	2583	6·7	Taylor 3234 - - -	7 40 11·24	52·08	2	+1·622	−0·57*
1320	2584	7	Taylor 3232 - - -	7 40 12·37	52·06	2	+1·788	−0·37
1321	2587	6	B.F. 1094 - - -	7 40 45				
1322	2588	6·7	Piazzi VII–218 - -	7 40 49				
1323	2589	6	5 Puppis - - -	7 40 55				
1324	2591	7·6	Taylor 3240 - - -	7 41 11·97	52·12	2	+2·147	−0·30
1325	2593	7·6	Taylor 3244 - - -	7 41 23·14	52·18	2	+2·068	+0·14
1326	2594	5	Puppis - - o	7 41 51·15	52·12	3	+2·493	−0·14
1327	2595	5	Piazzi VII–225 - -	7 42 6·25	52·22	2	+2·124	+0·16
1328	2597	6	Puppis - - S	7 42 22·77	52·06	2	+1·743	−0·20
1329	2599	6·7	Bradley 1130 - -	7 42 43·88	52·16	2	+2·521	−0·30
1330	2600	7·6	Piazzi VII–231 - -	7 42 50·83	52·23	2	+2·340	−0·26
1331	2601	5·6	6 Puppis - - -	7 42 54·74	52·24	2	+2·706	+0·05
1332	2602	3·4	Argûs - - - ξ	7 42 59·24	52·16	2	+2·523	−0·18
1333	2603	6	Piazzi VII–235 - -	7 42 59·70	52·18	2	+1·813	−0·20
1334	2604	6·7	Taylor 3264 - - -	7 43 1·03	52·22	3	+2·050	−0·17
1335	2607	5·4	Volantis - - ζ	7 43 37·76	51·27	1	−0·686	+0·17
1336	2608	6	Piazzi VII–237 - -	7 43 39·61	52·26	2	+2·233	−0·09
1337	2610	6	Cape 1840 Cat., No. 949	7 43 45·52	52·29	2	+0·407	+0·11
1338	2611	5·6	Puppis - - Q	7 43 52·21	52·31	2	+1·795	−0·21
1339	2613	6·7	84 Geminorum - - -	7 44 6·17	52·11	1	+3·574	
1340	2614	7·6	Taylor 3276 - - -	7 44 6·43	52·33	1	+2·051	+0·17
1341	2615	7	Carinæ - - -	7 44 9·25	52·96	1	+1·109	+0·17
1342	2617	5	83 Geminorum - - φ	7 44 18·49	52·09	1	+3·686	
1343	2618	7·6	Cape 1840 Cat., No. 942	7 44 38·78	52·03	2	−0·131	−0·41
1344	2619	6·7	8 Puppis - - -	7 44 39·70	52·04	2	+2·806	+0·33
1345	2620	4·5	Puppis - - P	7 44 40·21	52·34	1	+1·828	−0·21
1346	2621	5·6	Taylor 3280 - - -	7 44 41·86	52·94	2	+1·807	+0·01
1347	2622	5	9 Puppis - - -	7 44 49·46	52·12	2	+2·783	+0·07
1348	2623	6	Taylor 3285 - - -	7 45 7·21	52·06	2	+1·287	−0·14
1349	2626	5·6	Taylor 3289 - - -	7 45 53·40	52·12	3	+1·294	−0·16
1350	2627	7·6	Taylor 3288 - - -	7 45 56·71	52·09	2	+1·907	−0·26

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1306	130 34 11·68	51·14	1	+ 8·36	+ 3·63	2945	1723				3840
1307	145 57 41·52	51·88	1	+ 8·37	+ 1·40	2963	1724				3833
1308	125 42 28·53	51·55	2	+ 8·37	− 1·51	2944					3844
1309	104 12 9·97	51·16	1	+ 8·40	+ 0·89						3854
1310	145 47 25·67	51·12	2	+ 8·41	+ 1·00	2970	1728				3846
1311	127 35 2·60	51·44	2	+ 8·42	− 0·54	2954	1726				3852
1312	148 16					2979	1732				3849
1313	66 29										
1314	148 18 48·86	51·36	3	+ 8·44	+ 0·74	2982	1737				3850
1315	127 31					2956	1730				3861
1316	127 36 24·95	51·44	2	+ 8·47	− 0·21	2958	1735	151	181		3864
1317	123 52 46·82	51·86	1	+ 8·47	−44·80*	2957	1736				3869
1318	147 52 24·74	51·09	2	+ 8·48	− 0·12	2986	1742				3857
1319	140 6 8·20	51·52	2	+ 8·49	− 3·34*	2976	1740				3865
1320	136 38 52·15	51·60	2	+ 8·49	− 0·17	2973	1739				3868
1321	112 9 13·35	50·20	2	+ 8·54	+ 0·64						3880
1322	127 34 10·45	51·59	3	+ 8·54	− 0·35	2972	1744				3877
1323	101 49 41·75	52·04	1	+ 8·55	− 0·99						3884
1324	127 24 18·64	51·60	2	+ 8·57	+ 2·16	2978	1745				3883
1325	129 41 37·42	51·45	2	+ 8·59	+ 0·41	2984	1748				3885
1326	115 34 5·13	51·60	2	+ 8·62	+ 0·23	2981	1750				3895
1327	128 8 33·22	51·72	4	+ 8·64	− 0·03	2991	1755				3898
1328	137 44 41·91	51·58	2	+ 8·66	− 1·24	2999	1759				3899
1329	114 32 24·28	51·79	3	+ 8·69	+ 1·83	2990	1760				3911
1330	121 14 46·43	51·61	2	+ 8·70	+ 0·26	2995					3913
1331	106 50 59·31	51·52	2	+ 8·71	+ 4·11						3918
1332	114 29 11·38	51·61	2	+ 8·71	+ 1·17	2994	1763		182		3917
1333	136 14 17·83	51·62	2	+ 8·71	+ 1·12	3003	1765				3909
1334	130 16 46·98	51·57	2	+ 8·71	+ 0·69	3001	1764				3914
1335	162 14					3056	1779				3900
1336	124 52 9·59	51·54	2	+ 8·77	− 0·22	3002	1769				3926
1337	155 42 24·36	51·39	3	+ 8·78	+ 0·13	3054	1777				3910
1338	136 42 3·99	51·13	2	+ 8·78	+ 2·76	3017	1772				3925
1339	67 16										
1340	130 19 34·11	51·95	2	+ 8·80	− 0·06	3015	1773				3930
1341	148 32 9·47	51·73	3	+ 8·81	+ 0·46	3030					3924
1342	62 51										
1343	159 27 15·13	51·53	2	+ 8·84	+ 1·40	3057	1785				3922
1344	102 26 20·60	52·03	1	+ 8·84	+ 1·26						3943
1345	135 59 50·85	51·55	2	+ 8·84	+ 0·39	3022	1778	152	184		3934
1346	136 28 54·73	51·61	2	+ 8·85	+ 1·29	3024	1780				3935
1347	103 30 13·66	51·87	1	+ 8·86	+ 0·27				183		3945
1348	146 5 45·59	51·45	2	+ 8·88	+ 1·75	3036	1784				3938
1349	146 1 58·81	51·65	3	+ 8·94	+ 1·00	3046	1788				3947
1350	134 12 2·05	51·57	2	+ 8·94	− 2·05	3033	1787				3954

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1351	2628	6	Taylor 3295	7 46 19·18	52·09	2	+1·640	−0·42
1352	2629	5·6	Piazzi VII–250	7 46 39·47	52·18	2	+2·255	+0·10
1353	2630	6	Taylor 3300	7 46 43·93	52·17	1	+1·009	−0·31
1354	2631	6·7	Taylor 3299	7 46 44·47	52·23	1	+1·797	−0·13
1355	2634	4	Puppis *a*	7 47 3·72	52·12	2	+2·062	−0·10
1356	2635	5	Puppis *b*	7 47 20·17	52·14	2	+2·123	−0·12
1357	2637	5·6	Piazzi VII–256	7 47 32·58	52·24	2	+2·205	−0·07
1358	2640	5·6	Piazzi VII–259	7 48 37·65	52·15	2	+2·223	−0·42
1359	2641	6	Cape 1840 Cat., No. 962	7 48 40·69	52·19	2	+0·423	−0·29
1360	2642	5	Taylor 3317	7 48 50·08	52·04	2	+1·692	−0·07
1361	2644	4	Puppis R	7 48 53·80	52·11	2	+1·763	−0·25
1362	2645	5	Taylor 3320	7 48 54·88	52·07	2	+1·436	−0·13
1363	2646	7·6	Piazzi VII–262	7 49 1·67	52·07	2	+2·256	−0·26
1364	2651	7·6	Taylor 3329	7 50 24·01	52·25	2	+2·390	−0·04
1365	2652	5	11 Puppis	7 50 24·70	52·15	2	+2·581	−0·05
1366		6·7	Carinæ	7 51 26·89	52·17	1	+1·531	−0·31
1367	2655	6	Piazzi VII–277	7 51 41·46	52·21	2	+2·391	−0·28
1368	2656	5	Cape 1840 Cat., No. 968	7 51 46·82	51·98	2	+1·258	−0·37
1369	2659	6	3 Cancri	7 52 11·31	52·24	2	+3·448	
1370	2660	6·5	27 Monocerotis	7 52 14·54	52·14	2	+3·003	−0·24
1371	2661	5·6	Puppis N	7 52 26·87	52·23	2	+1·944	−0·04
1372	2662	6	12 Puppis	7 52 39·71	52·24	2	+2·573	−0·07
1373	2665	4	Argûs χ	7 52 58·07	52·07	1	+1·531	−0·53*
1374	2666	5	B.F. 1129	7 53 8				
1375	2667	6·5	Puppis O	7 53 9·03	52·06	3	+1·886	−0·24
1376	2668	5	28 Monocerotis	7 53 35·38	52·07	2	+3·051	−0·06
1377	2669	6·5	Taylor 3363	7 53 46·33	52·13	2	+1·024	−0·03
1378	2671	5·6	Piazzi VII–292	7 54 10·74	52·06	2	+2·124	−0·22
1379	2675	7	Taylor 3371	7 54 55·32	52·27	2	+2·524	+0·01
1380	2678	6	Taylor 3378	7 55 0·57	52·25	2	+1·048	+1·51*
1381		9	Lalande 15707	7 55 8·25	52·12	6	+3·615	
1382	2680	6	Carinæ	7 55 17·27	52·07	2	+0·782	−0·03
1383	2682	6·7	Taylor 3382	7 55 53·60	51·27	1	+1·745	−0·28
1384	2685	6	Taylor 3383	7 56 8·40	52·05	2	+2·194	−0·20
1385	2687	6	Taylor 3390	7 56 20·04	52·23	3	+1·013	−0·03
1386	2689	7·6	Taylor 3389	7 56 35·72	52·20	2	+2·203	−0·38
1387	2693	6·7	Taylor 3398	7 57 1·13	52·20	2	+1·067	+0·18
1388	2694	6·5	Taylor 3401	7 57 3·28	52·23	5	+1·036	+0·08
1389	2696	6	Taylor 3399	7 57 8·67	52·24	2	+1·481	−0·30
1390	2699	6·7	Piazzi VII–301	7 57 12·93	52·25	2	+2·341	−0·10
1391	2701	6	Taylor 3403	7 57 35·54	52·44	2	+2·062	−0·27
1392	2702	7·6	Taylor 3404	7 57 36·59	52·26	2	+1·936	+0·05
1393	2703	7	Bradley 1158	7 57 42·63	53·12	4	+3·562	
1394	2705	6	Taylor 3407	7 57 44·04	52·30	2	+1·462	+0·13
1395	2706	6·7	B.F. 1136	7 57 46·05	52·09	2	+2·709	−0·02

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1381. "The magnitude is taken from Lalande."

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1351	140 7 37·19	51·43	2	+ 8·97	+ 1·82	3043	1796				3956
1352	124 19 52·69	51·84	4	+ 9·00	+ 0·46	3035	1797				3963
1353	149 54 39·38	51·11	2	+ 9·01	+ 4·07	3060	1800				3957
1354	136 50 3·38	51·91	1	+ 9·01	− 0·46	3047	1798				3961
1355	130 11 28·99	51·48	2	+ 9·03	− 0·59	3044	1799		185		3965
1356	128 28 37·33	51·41	2	+ 9·05	+ 0·85	3049	1801		186		3968
1357	125 58 37·14	51·52	2	+ 9·07	+ 0·22	3052	1802				3970
1358	125 29 12·38	51·56	2	+ 9·15	+ 0·50	3059	1805				3980
1359	155 48					3083	1815				3974
1360	139 13 28·77	51·59	3	+ 9·17	+ 1·41	3069	1813				3979
1361	137 42 48·54	51·63	3	+ 9·17	+ 1·34	3068	1812		187		3981
1362	143 58					3074	1814				3978
1363	124 27 17·15	51·46	2	+ 9·19	− 0·30	3063	1811				3985
1364	119 53 14·16	51·61	3	+ 9·29	+ 0·05	3073	1819				3996
1365	112 28 58·75	51·53	2	+ 9·29	+ 0·09						3997
1366	142 30					3088	1826				4002
1367	119 56 1·54	51·46	2	+ 9·39	+ 1·51	3081	1825				4008
1368	146 54 27·61	51·63	3	+ 9·40	− 0·69	3097	1829				4004
1369	72 17										
1370	93 16 27·99	51·87	1	+ 9·43	+ 0·58						4018
1371	133 42 31·78	51·72	4	+ 9·45	− 1·08	3089	1831				4015
1372	112 54 20·23	51·44	2	+ 9·47	+ 1·63						4021
1373	142 34 53·03	51·40	3	+ 9·49	+ 1·83	3102	1835	156	188	47	4017
1374	107 59 26·46	50·20	2	+ 9·50	+ 3·33						4028
1375	135 10 30·28	51·45	2	+ 9·51	+ 0·59	3099	1836				4023
1376	90 58 46·97	52·01	1	+ 9·54	+ 4·61						4032
1377	150 7 30·42	51·39	3	+ 9·55	− 0·80	3113	1842				4025
1378	128 53 16·23	51·50	2	+ 9·58	+ 0·44	3103	1841				4037
1379	115 0 8·18	51·69	3	+ 9·64	+ 0·16	3104	1844				4055
1380	149 54					3122	1852				4043
1381	65 4										
1382	152 53						1855				4046
1383	138 34 16·99	50·10	3	+ 9·72	+ 0·16	3120	1858				4064
1384	126 52 11·78	51·39	2	+ 9·73	− 0·99	3118	1859				4071
1385	150 24					3134	1863				4065
1386	126 38 5·73	51·52	2	+ 9·77	− 1·05	3121	1861				4076
1387	149 47 43·02	51·05	2	+ 9·80	− 0·29	3138	1868				4073
1388	150 10					3140	1869				4074
1389	143 44 13·47	51·54	2	+ 9·81	− 0·43	3135	1870				4077
1390	122 2 43·56	51·61	2	+ 9·82	+ 1·10	3124	1866				4082
1391	130 53 32·17	51·76	3	+ 9·84	− 1·01	3128	1872				4086
1392	134 14 58·96	51·75	3	+ 9·85	− 0·37	3130	1873				4085
1393	67 7										
1394	144 5 57·31	51·61	2	+ 9·86	+ 0·62	3139	1875				4083
1395	107 14 37·59	51·98	1	+ 9·86	+ 1·31						4092

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1396	2709	6	Cape 1840 Cat., No. 981	7 58 1·02	52·96	1	+1·407	+0·26
1397	2708	6·7	14 Puppis - - -	7 58 1·79	52·34	2	+2·663	+0·02
1398	2710	2	Argûs - - - ζ	7 58 18·84	52·94	2	+2·110	−0·12
1399	2711	7·6	Taylor 3414 - - -	7 58 22·45	50·99	2	+1·456	−0·30
1400	2712	6	Piazzi VII–305 - -	7 58 25·34	52·96	2	+2·337	+0·03
1401	2713	6·5	Carinæ - D[1]	7 58 25·59	52·97	2	+0·774	+0·11
1402	2716	6·7	Taylor 3418 - - -	7 59 10·88	52·07	3	+1·732	−0·32
1403	2717	7·6	Taylor 3416 - - -	7 59 16·70	52·47	3	+2·313	−0·31
1404	2719	6·7	Taylor 3419 - - -	7 59 57·71	52·29	1	+2·315	−0·30
1405	2723	6	B. F. 1143 - - -	8 0 40·91	52·06	3	+2·647	+0·10
1406	2724	6	Taylor 3427 - - -	8 0 42·78	52·13	2	+1·851	−0·13
1407	2725	5	29 Monocerotis - - -	8 1 3·28	52·17	2	+3·019	−0·21
1408	2728	3·4	15 Argûs - - ρ	8 1 9·34	52·68	18	+2·560	0·00
1409	2729	6	Taylor 3437 - - -	8 1 10·39	52·23	2	+1·556	−0·05
1410	2733	5·6	Taylor 3441 - - -	8 1 51·60	52·23	2	+1·925	−0·05
1411	2735	7	Taylor 3443 - - -	8 2 19·36	52·24	2	+2·271	−0·03
1412	2736	5	16 Puppis - - -	8 2 19·82	52·06	2	+2·679	−0·02
1413	2738	6·5	Carinæ - - D[2]	8 2 34·34	52·25	2	+0·870	−0·05
1414	2739	6	B. F. 1154 - - -	8 2 36·81	52·26	1	+2·745	−0·02
1415	2742	6·7	Taylor 3450 - - -	8 3 16·35	52·21	2	+1·769	+0·07
1416	2743	7·6	Taylor 3452 - - -	8 3 29·84	52·23	2	+2·267	+0·07
1417	2746	6	18 Puppis - - -	8 3 42·73	52·13	2	+2·798	−0·59*
1418	2750	6	19 Puppis - - -	8 4 14·04	52·09	2	+2·817	−0·15
1419	2752	6·5	Taylor 3460 - - -	8 4 41·26	52·29	2	+1·789	−0·14
1420	2753	6·7	Puppis - - K	8 4 42·50	52·32	2	+2·033	+0·08
1421	2754	5	Taylor 3463 - - -	8 4 52·10	52·35	1	+1·849	−0·17
1422	2755	2·3	Argûs - - - γ	8 4 54·48	52·94	2	+1·849	+0·11
1423	2756	6·5	Taylor 3467 - - -	8 5 9·59	52·34	2	+1·824	−0·23
1424	2758	6·7	Piazzi VIII–17 - -	8 5 29·29	52·95	2	+2·215	−0·07
1425	2760	6·7	Taylor 3475 - - -	8 5 55·36	52·97	3	+1·768	−0·02
1426	2762	5·6	Puppis - - - h^1	8 6 0·07	52·97	2	+2·142	−0·04
1427	2763	7	Taylor 3477 - - -	8 6 1·31	52·96	1	+1·772	+0·22
1428	2764	6	Taylor 3478 - - -	8 6 3·71	52·98	2	+1·404	+0·06
1429	2767	6·5	Piazzi VIII–22 - -	8 6 21·92	52·22	2	+2·026	−0·19
1430	2769	5·6	20 Puppis - - -	8 6 26·28	52·11	3	+2·758	+0·01
1431		7	Velorum - - -	8 6 29·36	52·17	1	+1·805	−0·64*
1432	2770	5·6	Carinæ - - B	8 6 30·68	52·24	2	+1·030	−0·31
1433	2771	6	Taylor 3482 - - -	8 6 40·18	52·14	2	+1·806	−0·37
1434	2772	6·7	Taylor 3485 - - -	8 6 53·01	52·24	2	+2·228	+0·03
1435	2773	5	Volantis - - ϵ	8 7 25·17	52·26	2	+0·235	+0·07
1436	2774	6	Puppis - - - r	8 7 49·58	52·26	2	+2·263	+0·17
1437	2775	6·7	Piazzi VIII–32 - -	8 8 15·23	52·16	2	+2·371	−0·17
1438	2777	5	Taylor 3499 - - -	8 8 20·22	52·61	2	+2·252	+0·16
1439		6	Taylor 3500 - - -	8 8 20·83	52·93	1	+2·252	−0·11
1440	2780	6·5	Puppis - - - h^2	8 8 43·48	52·18	2	+2·125	+0·04

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1396	145 2 16·00	51·44	3	+ 9·88	+ 1·00	3144	1877				4088
1397	109 18 22·63	51·16	1	+ 9·88	+ 0·28						4096
1398	129 34 58·82	52·01	3	+ 9·90	− 0·29	3136	1876	157	189	70	4097
1399	144 15					3145	1881				4091
1400	122 15 11·73	51·62	2	+ 9·91	− 0·07	3131	1878				4101
1401	153 9 8·80	51·51	2	+ 9·91	− 0·28	3154	1883				4089
1402	139 4 36·47	51·53	2	+ 9·97	+ 2·09	3148	1885				4102
1403	123 10 3·36	51·52	2	+ 9·97	+ 0·10	3141	1884				4104
1404	123 8 33·67	51·52	2	+10·03	+ 1·31	3146	1887				4107
1405	110 7 26·42	51·59	2	+10·08	+ 0·90						4122
1406	136 33 4·50	51·45	2	+10·08	+ 1·05	3159	1890				4114
1407	92 33 0·97	52·04	1	+10·11	+ 2·86						4128
1408	113 52					3153	1892		190	90	4127
1409	142 40 47·83	51·07	2	+10·12	+ 1·66	3162	1896				4119
1410	134 50 6·86	51·62	3	+10·17	− 0·60	3163	1898				4130
1411	124 46 36·97	51·50	2	+10·20	− 0·56	3161	1901				4137
1412	108 48 33·01	51·61	2	+10·20	+ 0·81						4139
1413	152 24 27·16	51·06	2	+10·22	+ 0·37	3178	1906				4132
1414	105 48 43·40	51·51	2	+10·23	+ 1·80						4143
1415	138 34 32·61	51·45	2	+10·28	+ 0·17	3176	1908				4146
1416	125 1 4·75	51·58	2	+10·29	− 0·37	3169	1902				4151
1417	103 21 40·19	51·16	1	+10·31	− 0·66						4155
1418	102 29 7·41	50·18	1	+10·35	+ 1·18						4159
1419	138 14 41·64	51·55	2	+10·38	+ 0·45	3181	1913				4158
1420	132 12 3·00	51·71	3	+10·38	− 1·00	3179	1914				4161
1421	136 54 18·74	51·73	4	+10·39	+ 1·47		1916		191		4162
1422	136 53 46·79	51·73	4	+10·40	+ 0·76	3185	1917	158	192	55	4163
1423	137 29 46·72	51·53	2	+10·42	+ 1·68	3187	1920				4166
1424	126 50 56·93	51·57	2	+10·44	− 1·00	3183	1922				4176
1425	138 47 38·51	51·36	3	+10·47	+ 1·62	3195	1926				4180
1426	129 10 25·78	51·58	2	+10·48	+ 0·13	3191	1925				4188
1427	138 43 14·17	51·60	2	+10·48	+ 1·31		1927				4183
1428	145 38 40·22	51·08	2	+10·48	+ 0·29	3208	1928				4179
1429	132 32 31·72	51·42	2	+10·51	− 0·63	3197	1929				4192
1430	105 20 22·77	51·18	1	+10·51	+ 0·07				193		4200
1431	138 3 20·48	51·47	2	+10·51	+ 1·04						4193
1432	150 50 54·67	51·43	3	+10·52	+ 6·32*	3222	1934				4187
1433	138 0 58·72	51·47	2	+10·53	+ 0·64	3205	1931				4197
1434	126 32 29·33	51·59	2	+10·55	− 0·38	3199	1933				4204
1435	158 10 35·07	51·47	2	+10·59	+ 0·66	3242	1940		194		4196
1436	125 26 56·46	51·62	2	+10·62	− 0·70	3212	1938				4213
1437	121 41 18·34	51·61	2	+10·65	+ 0·11	3217	1939				4216
1438	125 52 11·59	51·75	3	+10·65	+ 0·67	3219	1941				4217
1439	125 53 17·53	51·75	3	+10·65	+ 0·92		1942				4218
1440	129 53 31·01	51·53	2	+10·68	+ 1·88	3223	1943				4222

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1441	2779	7	Taylor 3502	8 8 43·83	52·34	2	+1·530	−0·03
1442	2781	6	Taylor 3503	8 9 1·45	52·34	2	+1·895	−0·16
1443	2783	6	Piazzi VIII–38	8 9 34·93	52·54	2	+1·927	−0·23
1444		8	Puppis	8 9 36·25	52·04	1	+2·751	
1445	2785	6	21 Puppis	8 10 30·52	52·04	1	+2·752	−0·14
1446	2789	6	19 Canceri λ	8 11 36·58	52·10	21	+3·582	
1447	2790	6·7	Taylor 3525	8 11 52·53	52·21	2	+2·435	−0·14
1448	2794	6	Puppis	8 12 33·97	51·25	3	+2·288	−0·21
1449	2795	5	Puppis *q*	8 12 56·60	52·19	2	+2·252	−0·09
1450	2796	5·6	Carinæ C	8 12 58·96	52·22	2	+0·927	+0·01
1451	2797	7·6	Taylor 3543	8 14 28·75	52·23	2	+1·846	−0·08
1452	2800	6·7	Taylor 3545	8 14 51·39	52·03	1	+1·242	−0·25
1453	2802	4·5	Puppis *w*	8 15 28·73	52·24	2	+2·361	−0·21
1454	2804	7	Taylor 3551	8 15 33·48	52·25	2	+2·007	−0·18
1455	2805	6	Taylor 3552	8 15 41·02	52·26	2	+2·264	+0·12
1456	2807	6	22 Puppis	8 15 43·77	52·07	2	+2·823	−0·08
1457	2808	6	Taylor 3554	8 15 46·94	52·08	2	+1·680	−0·33
1458	2809	6·7	Taylor 3556	8 15 58·54	52·23	2	+2·168	−0·03
1459	2811	6	Piazzi VIII–60	8 16 29·62	52·08	2	+2·534	−0·01
1460	2812	5	Cape 1840 Cat., No. 1021	8 16 37·96	52·27	2	+0·683	+0·43
1461	2813	6·7	Taylor 3566	8 16 50·69	52·61	2	+1·669	−0·19
1462	2814	6	1 Hydræ	8 17 5·98	52·04	1	+3·008	−0·23
1463	2818	7	24 Canceri υ^1	8 17 44·07	52·12	4	+3·585	
1464	2820	6·7	Puppis	8 17 44·42	52·17	2	+2·215	−0·05
1465	2821	6	Taylor 3583	8 17 51·99	52·17	2	+1·341	−0·23
1466	2823	5	Velorum B	8 17 54·87	52·11	2	+1·846	−0·20
1467	2825	4·5	Bradley 1197	8 18 9·76	52·08	4	+3·005	+0·04
1468	2827	6	Piazzi VIII–72	8 18 35·29	52·16	3	+2·591	−0·28
1469	2828	6	Piazzi VIII–74	8 18 38·14	52·13	1	+2·591	
1470	2829	6·7	Taylor 3593	8 18 43·67	52·21	1	+1·682	−0·49
1471	2831	6	2 Hydræ	8 18 57·38	52·21	1	+3·004	−0·04
1472	2832	2·3	Argûs ϵ	8 19 25·79	52·20	2	+1·243	+0·17
1473	2833	6·7	28 Canceri υ^2	8 19 42·73	52·78	6	+3·573	
1474	2834	6	Taylor 3597	8 19 46·06	52·22	2	+2·074	−0·16
1475	2835	6	Cape 1840 Cat., No. 1032	8 20 13·14	52·24	2	−0·114	−0·09
1476	2838	6	Piazzi VIII–82	8 20 37·08	52·24	1	+2·098	−0·11
1477	2839	7·6	Taylor 3603	8 20 39·90	52·03	2	+2·472	−0·09
1478	2843	6·7	Puppis	8 21 14·79	52·12	2	+2·410	−0·17
1479	2845	6	Taylor 3611	8 21 23·02	52·10	2	+1·514	−0·30
1480	2846	7	Taylor 3609	8 21 31·74	52·10	2	+2·547	−0·10
1481	2847	7·6	Taylor 3616	8 22 3·05	52·25	1	+1·818	−0·23
1482	2848	6	Taylor 3619	8 22 16·52	52·26	2	+1·663	−0·14
1483	2849	4·5	Chamæleontis α	8 22 19·62	52·26	1	−1·439	−0·73
1484	2850	6	30 Canceri υ^3	8 22 37·88	52·06	4	+3·568	−0·05
1485	2851	6·7	Taylor 3626	8 22 48·90	52·21	1	+1·671	−0·33

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1444. The magnitude is taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1441	143 41 48·34	51·43	3	+10·68	+ 0·11	3233	1944				4219
1442	136 7 32·37	51·50	2	+10·70	+ 0·38	3232	1945				4224
1443	135 22 47·75	51·65	2	+10·75	− 0·64	3237	1948				4231
1444	105 51										
1445	105 49 26·53	51·53	2	+10·81	+ 0·72						4240
1446	65 30										
1447	119 32 23·38	51·64	3	+10·91	− 0·02	3251	1962				4254
1448	124 59 9·52	51·07	3	+10·96	+ 1·62	3257	1966				4263
1449	126 11 48·65	51·48	2	+10·99	+ 0·55	3259	1968	159	195		4268
1450	152 27 12·54	51·07	2	+11·00	+ 1·17	3275	1971				4261
1451	137 43 42·55	51·40	3	+11·10	+ 0·67	3276	1977				4282
1452	148 41 48·96	51·09	2	+11·13	+ 2·93	3289	1978				4284
1453	122 34 47·98	51·50	2	+11·18	+ 0·24	3277	1979				4293
1454	133 46 54·66	51·13	2	+11·18	− 0·55	3284	1982				4291
1455	126 0 34·21	51·51	2	+11·19	+ 0·42	3281	1983				4295
1456	102 34 32·82	51·30	1	+11·20	+ 1·11						4298
1457	141 28 15·34	51·47	2	+11·20	− 0·48	3291	1985				4292
1458	129 8 43·34	51·02	1	+11·21	+ 0·99	3287	1984				4297
1459	115 52 13·41	51·60	2	+11·25	− 0·86	3283	1988				4308
1460	155 8 33·13	51·09	2	+11·26	− 0·27	3313	1998				4296
1461	141 45 9·94	51·95	1	+11·28	− 0·63	3301	1994				4306
1462	93 16 5·74	52·00	1	+11·30	+ 1·48						4316
1463	64 58										
1464	127 48 17·12	51·53	2	+11·34	+ 2·06	3300	2002				4321
1465	147 29 44·64	51·12	2	+11·35	− 0·25	3315	2005				4314
1466	138 0 38·86	51·48	2	+11·35	+ 0·37	3308	2003				4319
1467	93 25 13·91	52·00	1	+11·37	+ 1·41						4333
1468	113 33 44·52	51·61	3	+11·40	+ 1·00	3304					4335
1469	113 33 41·30	51·61	3	+11·41							
1470	141 38 34·02	51·58	2	+11·41	+ 0·24	3317	2011				4332
1471	93 29 52·49	51·88	1	+11·43	+ 0·54						4342
1472	149 1 41·11	51·40	3	+11·46	+ 0·55	3327	2012	160	196	32	4336
1473	65 21										
1474	132 17 2·65	51·54	2	+11·49	− 0·56	3318	2013				4345
1475	161 2 12·31	51·38	3	+11·52	+ 1·08	3355	2018				4338
1476	131 39 52·72	51·58	2	+11·55	+ 0·16	3323	2017				4353
1477	118 43 32·57	51·57	2	+11·55	− 0·15	3319	2016				4355
1478	121 10 50·51	51·76	3	+11·59	+ 0·14	3325	2019				4363
1479	144 59 2·15	51·45	3	+11·60	+ 0·02	3343	2027				4358
1480	115 38 21·79	51·64	2	+11·61	+ 0·39	3326	2024				4367
1481	139 0 18·88	51·56	2	+11·65	+ 0·29	3345	2031				4370
1482	142 18 54·86	51·13	2	+11·67	+ 0·98	3349	2034				4372
1483	166 26 37·22	51·82	3	+11·67	+ 0·32	3400	2048		197		4351
1484	65 25										4396
1485	142 12 32·78	51·14	2	+11·71	+ 2·10	3354	2039				4379

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1486	2853	5·6	31 Cancri - - - θ	8 23 2·23	51·90	5	+3·436	
1487	2856	6·5	Volantis - - η	8 23 22·11	52·24	2	−0·454	+0·37
1488	2857	6·5	Velorum - - F	8 23 29·78	51·25	2	+1·655	−0·02
1489	2858	7	Taylor 3634 - - -	8 23 35·48	52·09	3	+1·551	−0·28
1490	2859	6·7	Taylor 3632 - - -	8 23 38·10	52·54	2	+2·093	−0·07
1491	2861	6	Taylor 3637 - - -	8 24 1·63	51·31	2	+2·039	−0·23
1492	2863	4·5	Volantis - - β	8 24 5				
1493	2864	7	32 Cancri - - -	8 24 7·54	52·06	9	+3·565	
1494	2865	5·6	Velorum - - A	8 24 20·53	52·31	3	+1·895	−0·05
1495	2866	6·7	Taylor 3641 - - -	8 24 24·49	52·17	4	+2·019	−0·12
1496	2868	6·5	Piazzi VIII–95 - -	8 24 46·53	52·23	2	+2·698	−0·06
1497	2869	6	Piazzi VIII–99 -	8 24 51·81	52·34	2	+1·961	−0·21
1498	2870	5	Chamæleontis - θ	8 25 2·43	51·83	2	−1·598	+0·21
1499	2873	6	Velorum - - G	8 25 29·59	52·03	2	+1·605	−0·05
1500		7	Puppis - - -	8 25 33·86	52·24	2	+2·214	−0·23
1501	2874	7	Taylor 3655 - - -	8 25 35·67	52·23	2	+2·023	+0·05
1502	2875	6·7	Taylor 3659 - - -	8 25 44				
1503	2877	6·7	Taylor 3658 - - -	8 25 52				
1504	2879	6	Taylor 3665 - - -	8 26 24·89	52·17	2	+1·905	−0·14
1505	2881	5·6	Cape 1840 Cat., No. 1051	8 26 53·84	52·36	1	+0·190	−0·19
1506	2883	6·7	Taylor 3668 - - -	8 26 59·81	51·29	3	+2·426	+0·59*
1507	2885	6·7	Taylor 3669 - - -	8 27 6·63	52·21	1	+2·345	−0·08
1508	2890	6	Taylor 3679 - - -	8 28 4·48	52·25	2	+2·226	−0·13
1509	2891	6·7	Taylor 3681 - - -	8 28 5·37	52·21	2	+1·922	−0·16
1510	2893	6	3 Hydræ - - -	8 28 9·03	52·10	2	+2·931	−0·23
1511	2895	7	Cape 1840 Cat., No. 1052	8 28 16·08	52·21	2	+0·602	+0 13
1512	2898	6·7	Mali - - - -	8 29 7·17	52·13	2	+2·544	−0·24
1513	2900	6·7	Taylor 3694 - - -	8 29 41·81	52·12	2	+2·197	−0·15
1514	2903	6·7	Taylor 3698 - - -	8 30 2·12	52·03	2	+1·780	−0·31
1515	2904	5·6	Velorum - - C	8 30 8·67	52·19	1	+1·833	−0·07
1516	2910	7	Piazzi VIII–125 - -	8 30 40·12	52·04	2	+2·557	−0·20
1517		8	Lalande 17023 - -	8 30 41·34	52·19	1	+2·845	
1518	2915	6	Velorum - - E	8 31 23·46	52·10	2	+1·792	−0·30
1519	2916	6	Mali - - - g	8 31 27·84	52·10	2	+2·562	−0·17
1520	2920	5·6	Carinæ - - e^1	8 31 46·10	52·21	2	+1·403	+0·06
1521	2921	5·4	Carinæ - - e^2	8 31 46				
1522	2923	7·6	Taylor 3721 - - -	8 31 50·98	52·15	2	+2·067	−0·05
1523	2926	5	Velorum - - e	8 32 22·37	52·13	2	+2·108	−0·06
1524	2929	5·6	6 Hydræ - - -	8 32 55·09	52·18	2	+2·848	−0·21
1525	2928	5·6	Chamæleontis - -	8 33 0·40	50·94	1	−3·147	−1·03
1526	2932	5·6	Mali - - - f	8 33 29·11	52·23	2	+2·489	−0·25
1527	2933	6·7	Taylor 3736 - - -	8 33 37·87	52·20	2	+2·307	−0·54*
1528	2934	6·7	Volantis - - -	8 33 40·46	52·44	2	−0·322	−0·28
1529	2935	4·5	Mali - - - b	8 34 13·90	52·25	2	+2·345	−0·15
1530	2936	6	Taylor 3742 - - -	8 34 29·26	52·21	2	+1·706	−0·11

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1517. The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1486	71 24										
1487	162 54 48·80	51·74	3	+11·74	− 0·10	3396	2055		198		4373
1488	142 35 37·10	50·12	3	+11·75	− 0·43	3359	2047				4392
1489	144 30 56·14	51·09	2	+11·76	+ 1·29	3362	2049				4395
1490	132 5 24·58	51·57	2	+11·76	− 0·43	3353	2046				4399
1491	133 39					3360	2051				4403
1492	155 38 11·32	51·02	1	+11·79	+ 2·18	3384	2057	162	199		4398
1493	65 24										
1494	137 25 47·42	50·26	2	+11·81	+ 0·85	3367	2056				4405
1495	134 13					3366	2054				4407
1496	109 4 26·34	52·01	2	+11·84	+ 0·63						4418
1497	135 49 52·84	51·32	2	+11·85	+ 0·15	3368	2058				4413
1498	166 59 53·12	51·90	4	+11·86	+ 1·09	3435	2073		200		4389
1499	143 42 39·70	51·53	2	+11·89	+ 0·42	3380	2065				4421
1500	128 33 27·00	51·65	2	+11·90	− 0·21	3373	2064				4426
1501	134 13					3376	2063				4425
1502	144 41 18·09	51·46	2	+11·91	+ 0·27	3387	2067				4423
1503	128 33 35·28	51·65	2	+11·92	− 0·48	3375	2066				4432
1504	137 21 42·33	50·26	2	+11·96	+ 0·19	3391	2072				4437
1505	159 35 42·62	51·38	3	+11·99	− 0·22	3424	2078				4433
1506	121 1					3386	2076				4443
1507	124 7					3389	2077				4445
1508	128 20 17·22	51·06	2	+12·08	− 0·68	3398	2081				4458
1509	137 5 43·71	51·20	2	+12·08	+ 0·72	3407	2084				4457
1510	97 28 8·79	52·13	1	+12·08	+ 0·70						4468
1511	156 38 5·51	51·38	3	+12·09	+ 0·36	3432	2088				4447
1512	116 19 44·72	51·75	3	+12·15	− 1·37	3406	2090				4476
1513	129 27 23·48	51·71	3	+12·19	− 0·41	3418	2094				4482
1514	140 34 41·47	51·49	2	+12·21	+ 0·75	3427	2097				4483
1515	139 25 45·47	51·53	2	+12·22	+ 0·08	3428	2099				4484
1516	115 53 45·69	51·49	3	+12·26	− 0·49	3423	2100				4493
1517	102 0										
1518	140 27 2·71	51·45	2	+12·31	+ 1·07	3443	2106				4496
1519	115 43 57·82	51·51	2	+12·31	+ 0·19	3431	2105				4506
1520	147 42 22·85	51·08	2	+12·33	+ 0·31	3452	2113				4499
1521	147 29 28·95	51·09	2	+12·33	+ 0·26	3451	2112				4501
1522	133 35 36·29	51·97	2	+12·34	+ 0·16		2108				4511
1523	132 27 59·13	51·76	3	+12·37	− 0·59	3446	2114				4517
1524	101 56 53·59	50·97	1	+12·41	+ 0·77						4525
1525	170 25					3537	2136				4486
1526	119 1 47·60	51·58	2	+12·45	+ 2·34	3450	2122				4529
1527	126 4 52·72	51·47	2	+12·46	− 0·66	3456	2123				4530
1528	162 50 30·57	51·13	2	+12·46	− 0·96	3489	2129				4520
1529	124 46 42·71	51·53	2	+12·50	− 0·04	3462	2127	163	201		4538
1530	142 33 48·41	51·48	3	+12·52	+ 1·46	3467	2130				4536

An asterisk * in the column " Cape, 1880, *minus* Cape, 1850 " denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1531	2937	4·5	43 Cancri - - - γ	8 34 35·85	52·27	9	+3·493	+0·08
1532	2939	6	Cape 1840 Cat., No. 1068	8 34 38·16	52·27	2	+1·080	+0·37
1533	2940	5·6	9 Hydræ - - - -	8 34 45·77	52·09	2	+2·783	+0·01
1534	2941	6·5	Piazzi VIII–148 - -	8 34 49·06	52·33	2	+2·203	−0·30
1535	2944	5	Taylor 3750 - - -	8 35 10·66	52·32	2	+1·692	−0·40
1536	2946	6	Taylor 3753 - - -	8 35 28·70	52·14	2	+2·042	−0·09
1537	2947	4	Velorum - - b	8 35 39·13	52·17	3	+1·989	−0·26
1538	2948	6·5	Taylor 3756 - -	8 35 41·08	52·33	1	+1·714	−0·28
1539	2949	7	Cape 1840 Cat., No. 1071	8 35 45·77	52·93	2	+1·089	+0·01
1540	2950	4·3	Argûs - - - o	8 35 59·71	52·11	2	+1·722	−0·10
1541	2951	6·5	Taylor 3764 - - -	8 36 0·36	52·20	3	+1·717	−0·04
1542	2953	4·5	47 Cancri - - - δ	8 36 9·30	51·58	15	+3·422	
1543	2955	6·5	Taylor 3769 - - -	8 36 18·15	52·14	2	+1·966	−0·20
1544	2954	4·5	Bradley 1238 - -	8 36 18·39	52·09	2	+2·949	−0·18
1545	2956	6	Taylor 3770 - - -	8 36 19·81	52·96	2	+1·903	+0·13
1546	2957	7	Taylor 3772 - - -	8 36 26·86	52·96	2	+2·053	−0·06
1547	2959	6	Taylor 3775 - - -	8 36 50·78	52·98	2	+2·039	−0·21
1548	2960	7·6	Taylor 3777 - - -	8 37 3				
1549	2962	5·4	Carinæ - - d	8 37 17·67	52·20	1	+1·334	+0·24
1550	2963	6	Taylor 3779 - - -	8 37 25				
1551	2964	4	Mali - - - α	8 37 34·03	52·30	2	+2·409	−0·20
1552	2966	7·6	Taylor 3786 - - -	8 37 49·69	52·41	1	+1·989	−0·08
1553	2967	6	Taylor 3790 - - -	8 38 0·89	52·97	2	+1·723	+0·02
1554	2968	6	Taylor 3791 - - -	8 38 7·25	52·97	2	+1·723	−0·04
1555	2969	6	Volantis - - θ	8 38 30				
1556	2971	3·4	11 Hydræ - - ϵ	8 38 49·74	52·61	20	+3·196	−0·02
1557	2972	5·6	Velorum - - D	8 38 58·34	52·27	2	+1·877	+0·09
1558	2973	5·4	Velorum - d	8 39 2·56	52·23	2	+2·142	−0·05
1559	2974	7	Taylor 3801 - - -	8 39 5·50	51·25	2	+2·307	+0·05
1560	2975	5·6	12 Hydræ - - - -	8 39 17·28	52·14	2	+2·834	+0·05
1561	2976	6·5	Piazzi VIII–167 - -	8 39 38·70	52·04	2	+3·046	−0·15
1562		7	Velorum - - -	8 40 5·86	52·11	2	+2·030	−0·35
1563	2979	2·3	Argûs - - - δ	8 40 33·80	52·14	2	+1·656	−0·22
1564	2980	7·6	Taylor 3818 - - -	8 40 52·07	52·14	2	+2·380	−0·18
1565	2981	5·6	Velorum - - a	8 40 56				
1566	2983	7	Taylor 3823 - - -	8 41 10·07	52·10	1	+2·152	−0·10
1567	2985	5·6	Taylor 3826 - - -	8 41 24·55	52·06	2	+2·039	−0·26
1568	2986	7	Cape 1840 Cat., No. 1089	8 41 31·35	52·09	1	+1·430	−0·20
1569	2986	7	Cape 1840 Cat., No. 1089	8 41 32·13	52·08	1	+1·430	
1570	2987	6·5	14 Hydræ - - -	8 41 49·23	52·07	2	+3·019	+0·12
1571	2992	6·5	Taylor 3836 - - -	8 42 13·55	52·14	2	+2·033	−0·06
1572	2993	6·7	Cape 1840 Cat., No. 1090	8 42 24·44	52·30	2	+0·866	−0·70
1573	2994	6	Volantis - - -	8 42 27·84	52·26	2	+0·600	+0·07
1574	2996	6·7	Piazzi VIII–187 - -	8 42 44·40	52·70	3	+2·161	−0·05
1575	2998	4·5	Carinæ - - f	8 42 49·54	52·41	2	+1·556	+0·15

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1568, 1569 = Herschel 3897.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1531	67 59										4546
1532	152 19 36·32	50·79	3	+12·53	+ 1·34	3475	2135				4534
1533	105 24 26·54	51·84	3	+12·54	+ 3·27						4544
1534	129 44 2·19	51·65	2	+12·54	− 0·11	3463	2132	164			4539
1535	142 54 39·92	51·11	2	+12·57	+ 0·09	3472	2138				4541
1536	134 39 35·51	51·56	2	+12·59	− 0·71	3468	2140				4548
1537	136 7 0·79	51·53	2	+12·60	+ 1·05	3470	2141		202		4551
1538	142 31 28·21	51·68	5	+12·60	+ 0·73	3476	2143				4549
1539	152 18 51·87	51·08	2	+12·61	+ 0·65	3491	2150				4545
1540	142 23 27·52	51·09	2	+12·62	− 0·10	3482	2148		203		4555
1541	142 29 3·98	51·42	3	+12·62	+ 1·00	3484	2149				4556
1542	71 17										
1543	136 47 1·66	51·57	2	+12·64	− 0·73	3478	2154				4562
1544	96 41 48·60	52·13	1	+12·64	+ 0·05						4568
1545	138 23 23·32	51·71	2	+12·64	− 1·55	3483	2155				4563
1546	134 27 30·06	51·97	4	+12·65	− 1·24	3480	2157				4567
1547	134 52 31·30	51·72	2	+12·68	+ 0·44	3486	2158				4570
1548	147 0 44·97	52·07	2	+12·69	− 0·49	3497	2159				4569
1549	149 13 37·44	51·14	2	+12·71	+ 0·49	3504	2163		205		4571
1550	137 33 43·95	51·54	2	+12·72	+ 0·70	3492	2161				4575
1551	122 38 53·94	51·78	3	+12·73	− 0·46	3487	2160	165	204		4581
1552	136 16 21·41	51·66	4	+12·75	− 1·18	3496	2165				4583
1553	142 33 47·88	51·56	4	+12·76	+ 0·39	3505	2168				4585
1554	142 34 36·64	51·56	4	+12·77	+ 0·73	3507	2169				4586
1555	159 51 4·74	51·16	2	+12·79	+ 1·99	3536	2184				4578
1556	83 2									135	4610
1557	139 16 56·53	51·18	2	+12·82	− 0·88	3514	2180				4601
1558	132 6 29·56	51·74	3	+12·83	− 1·08	3508	2179				4603
1559	126 36					3506	2178				4608
1560	103 0 9·09	51·33	1	+12·84	− 0·12						4613
1561	91 21 2·33	52·01	1	+12·87	+ 0·50						4621
1562	135 29										4619
1563	144 9 38·20	51·73	3	+12·93	+ 0·84	3532	2194	167	206	44	4627
1564	124 4 33·53	51·85	3	+12·95	− 1·88	3521	2193				4635
1565	135 29 43·00	50·26	1	+12·95	− 1·21	3526	2198		207		4632
1566	132 1 6·53	50·09	2	+12·97	+ 0·49	3528	2199				4640
1567	135 21 52·45	51·97	1	+12·99	− 0·10	3530	2200				4643
1568	148 10 39·05	52·00	2	+12·99	+1·11	3545	2206				4639
1569	148 10 40·88	52·00	2	+12·99		3545	2206				
1570	92 53 23·34	52·01	1	+13·01	+ 0·44						4660
1571	135 36					3542	2212				4659
1572	155 16 58·74	51·77	4	+13·05	− 2·00	3562	2216				4648
1573	157 40 0·88	51·19	2	+13·05	− 0·64	3568	2218				4647
1574	131 54 41·67	51·64	2	+13·08	+ 0·48		2214				4667
1575	146 13 11·73	51·14	2	+13·08	− 0·38	3554	2217				4664

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				h m s			s	s
1576	3001	6·7	Taylor 3851 - -	8 43 35				
1577	3005	6·7	Piazzi VIII–188 - -	8 43 45·19	52·07	2	+2 513	−0·21
1578	3006	6·5	Piazzi VIII–190 - -	8 43 45·90	52·21	2	+2·434	+0·01
1579	3008	7	Carinæ - - -	8 43 57·49	51·54	4	+1·121	−0·38
1580	3007	6·7	Mali - - - -	8 44 1·49	52·10	2	+2·533	+0·06
1581	3009	6	Velorum - - *h*	8 44 4				
1582	3010	5	Mali - - - *c*	8 44 10·08	52·14	2	+2·553	−0·36
1583	3011	6	15 Hydræ - - - -	8 44 12				
1584	3012	7·6	Taylor 3856 - - -	8 44 12·89	52·20	2	+2·266	−0·23
1585	3014	6	Velorum - - *g*	8 44 36·37	52·14	2	+2·073	+0·06
1586	3017	7·8	Piazzi VIII–195 - -	8 45 19·99	52·01	1	+3·447	
1587	3020	5·6	Velorum - - *f*	8 45 28·33	52·10	2	+2·033	−0·21
1588	3023	6·5	Chamæleontis - *η*	8 46 17·22	52·23	2	−1·808	+0·08
1589	3024	7·6	Taylor 3876 - - -	8 46 22·54	52·10	2	+2·219	−0·20
1590	3028	7·6	Carinæ - - -	8 46 49·98	51·14	2	+1·143	−0·41
1591	3030	6·7	Taylor 3879 - - -	8 47 4·61	52·13	1	+2·287	−0·15
1592	3034	6	Taylor 3885 - - -	8 47 42·51	52·12	2	+1·974	−0·25
1593		5·4	Taylor 3886 - - -	8 47 46·03	52·18	1	+2·011	−0·32
1594	3036	6	Taylor 3887 - - -	8 47 46·96	52·09	2	+1·535	−0·12
1595	3038	6·7	Taylor 3893 - - -	8 48 8·32	52·16	2	+1·819	−0·47
1596	3039	7	Piazzi VIII–215 - -	8 48 8·38	52·06	2	+2·942	+0·30
1597	3037	7	17 Hydræ - - -	8 48 8·45	52·06	2	+2·942	+0·15
1598	3040	6	Cape 1840 Cat., No. 1105	8 48 10·98	52·26	2	−1·817	+0·84
1599	3043	6	Rumker 127 - -	8 48 32·14	52·32	2	+0·820	+0·74
1600	3045	5·6	Taylor 3898 - - -	8 48 49·22	52·18	1	+2·010	−0·63
1601	3048	3·4	9 Ursæ Majoris - *ι*	8 48 54·85	52·09	3	+4·195	
1602	3050	6	Taylor 3902 - - -	8 49 4·37	52·24	2	+1·599	+0·09
1603	3051	5·6	Mali - - - *d*	8 49 5·72	52·12	2	+2·564	+0·02
1604	3052	6	63 Cancri - - - o^2	8 49 12·31	52·25	1	+3·357	
1605	3054	6·7	Taylor 3906 - - -	8 50 3·46	52·09	2	+2·103	−0·11
1606	3055	4	65 Cancri - - - *α*	8 50 16·82	51·74	5	+3·288	−0·05
1607	3057	6	Taylor 3910 - - -	8 50 22·43	52·21	2	+1·381	+0·15
1608	3061	6	Taylor 3914 - - -	8 51 6·73	52·13	2	+1·520	+0·03
1609		7	Mali - - - -	8 51 7·26	52·09	1	+2·569	−0·17
1610	3063	6·5	Cape 1840 Cat., No. 1115	8 51 17·12	52·63	2	−1·948	−0·29
1611	3064	5	Carinæ - - C	8 51 38·41	52·26	2	+1·370	+0·23
1612	3065	6	Piazzi VIII–227 - -	8 51 41·68	52·04	2	+2·798	+0·22
1613	3066	5	Velorum - - H	8 51 47·52	52·35	2	+1·811	+0·02
1614	3067	7·8	Rumker 131 - - -	8 51 59·64	52·61	2	+1·763	−0·08
1615	3067	7·8	Rumker 131 - - -	8 52 0·49	52·61	2	+1·763	+0·07
1616	3070	7·6	Taylor 3924 - - -	8 52 53·80	52·06	2	+2·548	−0·17
1617	3071	6	Taylor 3927 - - -	8 52 57·22	52·12	2	+1·989	−0·35
1618	3073	5·4	Carinæ - - b^1	8 53 17				
1619	3077	6·5	Taylor 3936 - - -	8 53 46·94	52·20	2	+2·042	−0·47
1620	3080	7	Taylor 3938 - - -	8 54 21·27	52·17	2	+2·006	−0·28

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1614, 1615. It is uncertain which of these is the B.A.C. star.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						*
1576	142 17 51·81	51·98	1	+13·13	+ 0·61	3560	2224 2225				1 4670
1577	118 54 25·35	51·51	2	+13·14	+ 0·79	3548	2222				4676
1578	122 13 22·38	51·58	2	+13·14	+ 1·58	3549	2223				4675
1579	152 38					3573	2232				4672
1580	118 3 38·30	51·83	3	+13·16	− 0·39	3551	2226				4681
1581	129 45 50·01	51·66	2	+13·16	+ 0·36	3556	2228				4678
1582	117 9 23·58	51·73	2	+13·17	− 3·51	3553	2227				4685
1583	96 37 6·96	51·34	1	+13·17	+ 1·05						4688
1584	128 35 12·74	51·17	2	+13·17	− 1·74	3557	2230				4682
1585	134 45 5·98	51·73	3	+13·20	− 0·60	3565	2234				4687
1586	69 28										
1587	135 58 12·05	51·38	3	+13·26	+ 0·64	3572	2241				4697
1588	168 24 59·64	51·71	3	+13·31	− 0·19	3623	2254		208		4684
1589	130 25 29·89	51·51	2	+13·31	− 1·98	3577	2244				4707
1590	152 37 20·67	51·68	5	+13·34	+ 0·33		2251				4706
1591	128 9 37·92	51·69	3	+13·36	− 0·27	3580	2249				4714
1592	137 47 38·75	51·13	2	+13·40	+ 0·75	3584	2252				4719
1593	136 49					3585	2253				4720
1594	147 4 14·42	51·08	2	+13·41	+ 0·33	3594	2256				4717
1595	141 33 49·63	51·58	2	+13·43	+ 0·46	3593	2259				4723
1596	97 23 57·77	51·33	2	+13·43	+ 1·87						4732
1597	97 24 2·71	51·33	2	+13·43	+ 1·77						4731
1598	168 31 5·18	51·58	2	+13·43	+ 1·51	3644	2270		209		4703
1599	156 14 2·03	51·19	2	+13·45	− 2·10	3609	2264				4722
1600	136 57 5·68	51·66	2	+13·47	+ 1·38	3596	2262				4734
1601	41 22									170	
1602	146 5 1·32	51·13	2	+13·49	− 0·03	3603	2265				4735
1603	117 6 26·24	51·52	2	+13·49	+ 1·87	3589	2263				4740
1604	73 53										
1605	134 28 13·61	51·10	2	+13·55	− 0·79	3604	2272				4745
1606	77 33						2268	168			4752
1607	149 47 3·92	51·09	2	+13·57	− 1·46	3613	2274				4744
1608	147 40 3·16	51·18	2	+13·62	+ 0·90	3618	2279				4751
1609	117 8					3607					4756
1610	168 56 48·36	51·77	3	+13·63	− 0·42	3669	2290				4739
1611	150 4 23·54	51·58	4	+13·66	− 1·08	3626	2281				4755
1612	105 33 48·19	51·85	3	+13·66	− 4·70						4765
1613	142 8 54·28	51·55	2	+13·66	+ 1·57	3620	2280				4757
1614	143 13 21·70	51·75	3	+13·68	+ 2·14	3622	2284				4761
1615	143 13 31·32	51·75	3	+13·68	+ 2·12						4762
1616	118 13					3619	2289				4772
1617	137 59 37·21	51·14	2	+13·74	+ 2·39	3628	2291				4769
1618	148 39 4·72	50·22	1	+13·76	+ 1·17	3639	2293	169	210		4770
1619	136 39 20·30	51·47	3	+13·79	− 0·88	3635	2296				4778
1620	137 42 28·10	51·12	2	+13·83	+ 1·64	3641	2299				4782

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				h m s			s	s
1621	3081	5·6	Piazzi VIII–242 - -	8 54 29·74	52·07	1	+2·239	−0·33
1622	3082	7·6	Mali - - - -	8 54 41·25	52·18	3	+2·597	−0·11
1623	3084	6·7	Taylor 3945 - - -	8 54 54·60	52·13	2	+2·183	−0·23
1624		7	Taylor 3946 - - -	8 55 3·41	52·08	1	+1·882	−0·14
1625	3089	5·4	Carinæ - - b^2	8 55 43·21	52·10	2	+1·499	−0·01
1626	3090	6	Taylor 3948 - - -	8 55 46·87	52·12	2	+2·226	−0·31
1627	3092	6·7	Taylor 3951 - - -	8 55 55·30	52·03	1	+1·884	−0·18
1628	3094	7·6	Taylor 3955 - - -	8 56 21·53	52·18	2	+2·298	+0·04
1629	3096	7·6	Taylor 3957 - - -	8 56 34				
1630	3098	6·5	Taylor 3962 - - -	8 57 5·04	52·09	2	+1·863	+0·07
1631	3101	6	Taylor 3963 - - -	8 57 18·24	52·17	2	+1·389	+0·14
1632	3110	5·4	Velorum - - C	8 58 58				
1633	3114	5	Volantis - - α	9 0 4·39	52·14	2	+0·968	−0·47
1634	3119	7	Cape 1840 Cat., No. 1129	9 0 43·37	50·96	2	−0·173	+0·04
1635	3117	5	77 Cancri - - - ξ	9 0 43·68	52·99	1	+3·464	+0·11
1636	3120	6	19 Hydræ - - -	9 1 21·62	52·04	2	+2·939	−0·07
1637	3121	6	Piazzi VIII–265 - -	9 1 27·94	52·08	2	+2·628	+0·03
1638		7	Taylor 3994 - -	9 2 5·56	52·14	2	+2·630	−0·76*
1639	3124	6	20 Hydræ - - -	9 2 15·38	52·05	2	+2·937	−0·07
1640	3126	2·3	Argûs - - - λ	9 2 28·91	52·09	2	+2·204	−0·03
1641	3127	7	Piazzi IX–5 - - -	9 3 10·44	52·14	2	+2·632	+0·17
1642	3128	7·6	Carinæ - - -	9 3 13·46	52·10	2	+1·168	+0·16
1643	3130	6	Mali - - - e	9 3 35·13	52·18	2	+2·539	−0·09
1644		7	Carinæ - - -	9 4 18·83	51·76	2	+0·659	−0·58
1645	3134	4·5	Carinæ - - E	9 4 23				
1646	3136	5·4	Carinæ - - G	9 4 42·45	52·21	2	+0·221	+0·16
1647	3137	6	21 Hydræ - - -	9 5 1·54	52·04	2	+2·966	+0·03
1648	3139	6·7	Taylor 4023 - - -	9 5 11·74	52·11	2	+1·911	−0·39
1649	3142	6	Piazzi IX–17 - -	9 5 38·10	52·12	2	+2·172	−0·13
1650	3143	6	Taylor 4032 - - -	9 5 50·53	52·12	2	+2·334	−0·20
1651	3148	6·7	Taylor 4039 - - -	9 6 58·02	52·13	2	+2·216	−0·49
1652	3149	4	Carinæ - - a	9 7 1·21	52·15	2	+1·584	−0·30
1653	3151	6·7	Taylor 4046 - - -	9 7 39·62	52·18	2	+2·258	−0·09
1654	3152	4	Carinæ - - i	9 7 52				
1655		7	Taylor 4048 - - -	9 8 12·12	52·10	2	+2·942	−0·01
1656	3153	6	Taylor 4051 - - -	9 8 18·63	52·23	2	+2·104	−0·26
1657	3154	7·8	Rumker 140 - -	9 8 29·11	52·14	2	+1·924	−0·06
1658	3155	6·7	Taylor 4053 - - -	9 8 37·01	52·16	3	+2·207	−0·18
1659	3156	6·5	Velorum - - z	9 8 48·97	52·09	2	+2·235	−0·17
1660	3158	6	Velorum - - k^1	9 8 58				
1661	3159	6·5	Taylor 4061 - - -	9 8 59				
1662	3160	6	23 Hydræ - - -	9 9 14·60	52·03	1	+2·980	+0·12
1663	3161	6	24 Hydræ - - -	9 9 20·47	52·17	2	+2·942	−0·13
1664	3163	6	Velorum - - l	9 9 42·04	52·24	1	+2·365	−0·15
1665	3165	5	Velorum - - k^2	9 9 44·97	52·24	2	+2·394	+0·07

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1621	130 40 18·73	51·54	2	+13·84	− 0·99	3638	2300				4787
1622	116 4 34·96	51·66	2	+13·85	+ 0·48	3636	2301				4789
1623	132 35 22·22	51·97	2	+13·86	− 0·18	3646	2305				4791
1624	140 55					3650	2306				4790
1625	148 30 38·36	51·44	2	+13·91	0·00	3661	2311	170	211		4796
1626	131 16 40·51	51·47	2	+13·92	− 1·45	3651	2309				4803
1627	140 58 9·61	51·11	2	+13·93	+ 0·62	3658	2312				4802
1628	128 48 52·27	51·15	2	+13·95	+ 0·29	3655	2314				4810
1629	114 54 48·58	51·98	1	+13·97	+ 0·80	3652	2315				4813
1630	141 35 59·95	51·61	4	+14·00	− 0·76	3667	2320				4816
1631	150 22 32·93	51·60	4	+14·01	− 0·55	3673	2322				4815
1632	136 30 8·39	51·59	4	+14·12	+ 0·69	3677	2326		212		4830
1633	155 47 52·62	51·56	4	+14·19	+ 3·61	3696	2334		213		4831
1634	163 48					3709	2341				4833
1635	67 21										4847
1636	97 59 8·34	51·33	1	+14·27	+ 1·29						4851
1637	115 15 20·74	51·54	2	+14·27	− 0·18	3685	2338				4850
1638	115 14					3690					4858
1639	98 10 51·78	51·33	2	+14·32	+ 3·33						4861
1640	132 49 44·41	51·69	5	+14·33	− 0·18	3699	2346	172	214	63	4860
1641	115 11 47·32	51·72	3	+14·38	− 0·45	3698	2350				4868
1642	153 53 53·81	51·10	2	+14·38	− 0·52	3712	2357				4862
1643	119 45 19·31	51·55	2	+14·40	+ 1·50	3702	2352				4874
1644	158 58 18·15	50·80	2	+14·45	+ 0·29		2367				4870
1645	159 56 6·52	51·95	1	+14·45	− 0·57	3730	2369				4871
1646	161 59 56·42	51·77	4	+14·47	+ 0·10	3736	2374		215		4872
1647	96 29 53·71	51·34	1	+14·49	− 2·25						4888
1648	141 28 29·96	50·26	3	+14·50	− 0·13	3722	2371				4884
1649	134 15 23·47	51·56	2	+14·53	− 1·86	3723	2376				4891
1650	128 38 46·98	51·80	3	+14·54	− 0·39	3721	2378				4893
1651	132 59 54·40	51·48	3	+14·61	− 0·48	3729	2387				4903
1652	148 21 13·91	51·54	2	+14·61	+ 0·39	3738	2388		216		4898
1653	131 39 31·64	51·62	2	+14·65	− 1·82	3732	2390				4912
1654	151 42 8·45	51·13	2	+14·66	+ 0·82	3753	2394		217		4910
1655	98 7 17·20	51·34	1	+14·68	+ 2·23						4920
1656	136 43 13·68	51·67	2	+14·69	+ 0·59	3743	2395				4915
1657	141 33 49·15	51·20	2	+14·70	+ 0·11		2396				4917
1658	133 31 37·15	51·58	2	+14·70	− 0·10	3744	2397				4921
1659	132 36 29·78	51·68	2	+14·72	− 0·73	3749	2400				4926
1660	126 58 51·98	51·72	3	+14·73	− 0·06	3748	2401				4929
1661	148 47 45·47	51·19	2	+14·73	+ 1·22	3769	2404				4922
1662	95 43 49·02	51·36	1	+14·74	+ 0·28						4934
1663	98 7 16·35	51·34	1	+14·75	+ 1·64						4937
1664	127 56 50·14	51·73	2	+14·77	− 0·58	3756	2407				4938
1665	126 47 24·32	51·94	4	+14·77	+ 0·10	3755	2408				4940

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape 1850.
				h m s			s	s
1666	3166	6	Taylor 4069 - - -	9 9 48·85	52·11	2	+2·169	−0·24
1667	3167	5	Taylor 4072 - - -	9 9 50·98	52·23	2	+1·783	+0·06
1668	3168	7·6	25 Hydræ - - - -	9 10 16·17	52·21	2	+2·890	−0·26
1669	3173	6	Taylor 4077 - - -	9 10 50·67	52·13	2	+2·213	−0·20
1670	3174	6·7	Taylor 4079 - - -	9 11 4·50	52·25	4	+2·349	−0·18
1671	3175	6·7	Taylor 4081 - - -	9 11 11·08	52·35	2	+1·646	+0·07
1672	3177	2	Argûs - - - β	9 11 31·88	51·71	15	+0·723	−0·18
1673	3179	4·5	Carinæ - - - g	9 11 57·91	52·11	1	+1·697	−0·13
1674	3180	6	Mali - - - -	9 12 7·23	52·23	2	+2·677	
1675	3184	5·6	26 Hydræ - - - -	9 12 32·89	52·15	2	+2·892	−0·15
1676	3185	7·6	Bradley 1316 - -	9 13 1				
1677	3186	3	Argûs - - - ι	9 13 4·48	52·13	13	+1·610	−0·13
1678	3187	5	Velorum - - K	9 13 6·63	52·11	2	+1·994	−0·38
1679	3188	5·6	27 Hydræ - - - -	9 13 9				
1680	3190	6	Taylor 4103 - - -	9 13 34				
1681	3189	6·7	Carinæ - - - -	9 13 39·25	51·14	2	+1·318	−0·09
1682	3191	6·5	Carinæ - - - F	9 13 39				
1683	3192	7	Piazzi IX–61 - -	9 14 23				
1684	3193	6·7	Taylor 4107 - - -	9 14 28·41	52·14	2	+2·406	−0·24
1685	3195	5	Mali - - - h	9 14 51·22	52·13	2	+2·653	+0·05
1686	3197	7	Taylor 4113 - - -	9 14 57·59	52·09	2	+1·832	−0·24
1687	3198	6·5	Carinæ - - - -	9 15 10·59	52·17	2	+0·884	−0·62
1688	3200	6·7	Carinæ - - - -	9 15 15·93	52·24	2	+1·054	−0·07
1689		7	Velorum - - -	9 15 40·66	52·12	2	+2·181	−0·27
1690	3205	6	Taylor 4123 - - -	9 16 5				
1691	3207	5	Piazzi IX–75 - -	9 16 42·92	52·10	2	+2·602	−0·42
1692	3208	5·6	Taylor 4127 - - -	9 16 55				
1693	3210	6	Taylor 4132 - - -	9 17 15·93	52·30	2	+1·831	−0·13
1694	3212	5	Carinæ - - - k	9 17 20·28	52·35	1	+1·448	+0·07
1695	3211	5·6	Octantis - - ζ	9 17 27·27	51·33	1	−6·991	+0·46
1696	3213	3·2	Argûs - - - κ	9 17 28·14	52·23	2	+1·856	−0·14
1697	3214	6	Cape 1840 Cat., No. 1163	9 17 35·97	52·16	2	+0·016	−0·25
1698	3215	6·5	Cape 1840 Cat., No. 1164	9 17 37·71	52·97	1	−0·015	+0·31
1699	3216	6	28 Hydræ - - - A	9 17 54·02	52·21	2	+3·003	−0·21
1700	3217	6	Taylor 4140 - - -	9 18 7·09	52·25	2	+2·119	−0·33
1701	3219	6	Taylor 4150 - - -	9 18 58·68	52·51	3	+2·000	−0·09
1702	3222	6·7	29 Hydræ - - - -	9 19 53·82	52·23	2	+2·941	−0·05
1703	3224	6·7	Taylor 4156 - - -	9 20 12·91	52·21	2	+2·612	−0·24
1704	3223	2	30 Hydræ - - - α	9 20 12·93	52·25	28	+2·950	+0·03
1705	3225	6·7	Taylor 4161 - - -	9 20 17·42	52·24	2	+1·523	+0·02
1706	3226	5·6	Hydræ - - - -	9 20 20·45	51·37	2	+2·990	−0·16
1707	3229	7	Taylor 4164 - - -	9 20 33·55	53·00	1	+1·899	+0·31
1708	3230	6·7	Piazzi IX–93 - -	9 20 34				
1709	3234	7	Taylor 4172 - - -	9 21 21·73	52·36	1	+2·035	−0·03
1710	3235	7·6	Taylor 4171 - - -	9 21 24·77	52·94	1	+2·488	+0·16

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1666	134 55 59·77	51·71	2	+14·78	− 0·18	3758	2409				4939
1667	144 56 58·76	51·62	2	+14·78	+ 0·58	3762	2410				4936
1668	101 20 5·21	51·33	1	+14·80	+ 1·86						4948
1669	133 38 28·33	51·52	2	+14·84	− 0·57	3764	2416				4950
1670	128 46 27·92	51·60	2	+14·85	+ 0·95	3765	2417				4954
1671	147 45 51·87	51·73	3	+14·86	+ 0·82	3776	2418				4951
1672	159 5 59·06	51·74	3	+14·88	+ 0·27	3791	2425	174	218	16	4949
1673	146 54 55·21	51·14	2	+14·90	+ 0·06	3782	2424				4959
1674	113 49 41·77	51·32	1	+14·91							
1675	101 20 40·04	51·33	1	+14·94	+ 0·23						4971
1676	98 58 36·42	51·34	1	+14·96	+ 1·89						4976
1677	148 38 49·32	50·23	1	+14·97	+ 0·80	3792	2429	175	219	35	4968
1678	140 25 17·50	51·82	4	+14·97	+ 1·34	3786	2428				4973
1679	98 55 19·94	51·34	1	+14·97	+ 0·48						4978
1680	123 28 15·65	51·31	1	+15·00	+ 0·63	3784	2430				4981
1681	153 8 47·32	50·87	3	+15·00	+ 1·40		2432				4975
1682	166 2 18·04	51·72	2	+15·00	+ 0·78	3817					4963
1683	121 7 33·89	51·95	1	+15·04	− 0·03	3790	2433				4990
1684	126 56 48·99	51·58	2	+15·05	− 0·14	3795	2434				4991
1685	115 19 45·94	51·76	3	+15·07	+ 0·29	3793	2436	176	220		4996
1686	144 33 11·09	51·12	2	+15·08	+ 0·48	3800	2440				4995
1687	158 3 27·09	51·14	2	+15·09	+ 0·76	3811	2444				4988
1688	156 25 10·75	51·12	2	+15·10	+ 0·09	3809	2445				4993
1689	135 22					3801					5000
1690	131 33 20·00	51·01	1	+15·14	− 0·11	3803	2446				5002
1691	118 11 41·26	51·23	2	+15·18	− 0·52	3804	2451				5012
1692	135 24 33·32	51·67	2	+15·19	− 0·08	3808	2454				5013
1693	144 52 40·64	51·66	2	+15·21	+ 1·34	3813	2457				5017
1694	151 45 59·63	51·13	2	+15·21	+ 0·82	3823	2461				5014
1695	175 3					3953	2491				4967
1696	144 22 16·76	51·94	6	+15·22	+ 0·59	3816	2459	177	221	43	5018
1697	164 6 6·56	51·34	2	+15·23	+ 1·16	3845	2469				5005
1698	164 15 40·65	51·35	2	+15·23	− 0·15	3846	2470				5008
1699	94 28 24·59	52·00	1	+15·24	+ 0·33						5029
1700	137 38 42·10	51·55	2	+15·26	+ 0·63	3820	2464				5025
1701	141 5 37·38	51·46	3	+15·31	+ 0·26	3830	2474				5033
1702	98 34 32·07	52·00	1	+15·36	+ 0·42						5051
1703	118 8 21·91	51·82	3	+15·38	+ 0·73	3833	2479				5053
1704	98 0						2478	178	222	116	5055
1705	151 0 6·52	51·12	2	+15·38	+ 0·87	3847	2485				5048
1706	95 25										5059
1707	143 48 59·46	51·11	2	+15·40	+ 0·62	3842	2487				5052
1708	129 51 14·68	51·15	2	+15·40	− 1·85	3836	2482				5057
1709	140 31 32·89	51·65	3	+15·44	+ 1·19	3851	2494				5066
1710	124 21 22·29	51·70	2	+15·44	− 0·05	3841	2493				5069

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				h m s			s	s
1711	3236	6	Velorum - - I	9 21 25				
1712	3237	5·6	31 Hydræ - - - τ^1	9 21 32·02	52·40	1	+3·039	+0·17
1713	3239	6	Taylor 4176 - - -	9 21 42				
1714	3240	6·7	Piazzi IX–96 - -	9 21 48·14	52·93	1	+3·048	−0·12
1715	3243	6	Piazzi IX–101 - -	9 23 2·00	52·32	3	+2·660	−0·23
1716	3244	6·5	Antliæ - - - ϵ	9 23 3·52	52·93	1	+2·472	−0·15
1717	3247	7·8	Velorum - - -	9 23 7				
1718	3246	5·4	4 Leonis - - - λ	9 23 9·19	52·34	3	+3·440	+0·10
1719	3248	6·5	Piazzi IX–105 - -	9 23 15·20	52·25	1	+2·660	+0·02
1720	3249	6	Carinæ - - n	9 23 28·53	52·60	2	+1·319	+0·06
1721	3250	6	5 Leonis - - - ξ	9 23 51·25	51·46	4	+3·249	+0·20
1722	3253	6·5	32 Hydræ - - τ^2	9 24 19·91	52·08	3	+3·063	−0·02
1723	3254	7·8	Cape 1840 Cat., No. 1179	9 24 20·87	52·15	2	+2·562	
1724		6	Antliæ - - - ζ^1	9 24 21·22	52·15	2	+2·562	−0·25
1725	3257	4	Argûs - - - ψ	9 24 47·77	52·20	2	+2·372	+0·01
1726	3259	5·6	Taylor 4205 - - -	9 24 58·35	52·24	3	+2·042	−0·17
1727	3260	6	Taylor 4207 - - -	9 25 0·61	52·56	2	+1·522	−0·19
1728	3262	6	Antliæ - - - ζ^2	9 25 7·47	52·14	2	+2·564	−0·14
1729	3263	6·7	Carinæ - - -	9 25 33·87	52·94	2	+1·193	+0·15
1730	3264	6	Cape 1840 Cat., No. 1184	9 25 35·77	52·70	2	+0·655	−0·28
1731	3266	7·6	Rumker 156 - -	9 26 20				
1732	3267	6	Piazzi IX–122 - -	9 26 22·29	52·14	2	+2·374	−0·08
1733		7	Velorum - -	9 26 25·92	52·13	1	+2·061	−0·26
1734	3269	4·3	Velorum - - N	9 26 39·99	52·10	2	+1·824	−0·15
1735	3271	6·5	33 Hydræ - - -	9 27 3·56	52·07	3	+2·995	−0·15
1736	3274	7·6	Rumker 157 - -	9 28 1·61	52·21	2	+1·612	+0·07
1737	3276	5	Cape 1840 Cat., No. 1188	9 28 21				
1738	3277	6	Rumker 159 - -	9 28 31·53	52·45	3	+1·223	+0·06
1739	3280	5	Velorum - - L	9 28 57·17	52·13	2	+2·074	−0·26
1740	3279	5·6	Chamæleontis - ι	9 28 57·86	51·46	4	−1·637	−0·36
1741	3289	5·4	Carinæ - - h	9 30 5·76	52·15	2	+1·740	−0·19
1742	3291	6·5	Carinæ - - H	9 30 26				
1743	3293	6·7	34 Hydræ - - -	9 30 30·19	52·10	2	+2·946	−0·12
1744	3296	6	Piazzi IX–142 - -	9 30 42·78	52·13	2	+2·574	−0·05
1745	3300	4	Velorum - - M	9 31 27·79	52·13	2	+2·153	−0·62
1746	3301	7	Carinæ - - -	9 31 29				
1747	3302	6	Velorum - - y	9 32 10·15	52·10	2	+2·334	−0·03
1748	3303	5	35 Hydræ - - ι	9 32 11·57	52·13	2	+3·064	−0·07
1749	3304	5·6	Taylor 4261 - - -	9 32 11·93	52·20	2	+2·004	−0·35
1750	3305	6·7	37 Hydræ - - -	9 32 27·98	52·16	2	+2·931	−0·11
1751	3306	6·7	Taylor 4267 - - -	9 32 36·92	52·24	1	+1·423	−0·03
1752	3310	6	Bradley 1361 - -	9 33 0				
1753	3311	5	38 Hydræ - - κ	9 33 6·99	52·12	2	+2·877	−0·14
1754	3312	4·3	14 Leonis - - - o	9 33 8·34	51·65	2	+3·220	+0·13
1755	3316	7	Rumker 164 - -	9 34 42				

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1711	142 43 48·87	51·17	2	+15·44	+ 1·03	3854	2495				5067
1712	92 6 58·44	52·00	1	+15·45	+ 0·38						5075
1713	151 18 16·36	51·46	3	+15·46	− 0·88	3866	2498				5068
1714	91 33 8·06	52·03	1	+15·47	+ 1·41						5081
1715	115 56 18·34	51·71	2	+15·53	+ 0·81	3859					5091
1716	125 17 50·01	51·45	4	+15·53	+ 0·06	3861	2504				5090
1717	146 21 13·83	52·13	1	+15·54	+ 0·14	3881					5084
1718	66 22										5100
1719	115 56 4·23	51·71	2	+15·55	+ 1·09	3860	2506				5095
1720	154 16 49·70	51·45	3	+15·56	− 0·48	3890	2513		223		5087
1721	78 2										5114
1722	90 31 32·39	52·04	1	+15·60	+ 1·12						5121
1723	121 13 59·06	51·84	3	+15·61	− 0·11						5115
1724	121 13 52·08	51·84	3	+15·61	− 0·12	3880	2515				5116
1725	129 48 43·98	50·31	1	+15·63	− 2·70	3885	2519		224		5124
1726	140 51 37·30	51·11	2	+15·64	+ 0·15	3894	2523				5125
1727	151 37 6·02	51·66	5	+15·64	+ 0·46	3901	2524				5117
1728	121 12 46·99	51·73	2	+15·65	− 0·67	3884	2521				5130
1729	156 2 51·23	50·22	1	+15·67	+ 0·13	3909	2529				5129
1730	160 57 1·13	51·47	2	+15·67	− 1·05	3914	2531				5122
1731	161 7 34·95	51·50	2	+15·71	+ 0·38	3922	2537				5133
1732	129 59 16·00	51·22	2	+15·72	− 0·65	3900	2532				5142
1733	140 35					3902					5141
1734	146 22 26·21	52·12	1	+15·73	+ 0·68	3910	2535		225		5143
1735	95 14 53·75	51·35	1	+15·75	− 1·12						5150
1736	150 34 20·72	51·47	3	+15·80	− 1·15	3924					5153
1737	138 20 26·87	52·03	1	+15·82	− 1·07	3917	2546				5161
1738	156 3 22·65	51·18	2	+15·83	+ 0·56	3940	2554				5156
1739	140 35					3925	2555				5168
1740	170 8					3981	2568				5146
1741	148 33 44·55	51·44	3	+15·92	− 0·23	3949	2565		226		5179
1742	162 24 56·42	51·13	2	+15·94	− 0·04	3968	2573				5174
1743	98 45 10·96	51·31	1	+15·94	− 0·81						5192
1744	121 30 23·23	51·74	3	+15·95	+ 0·20	3939	2566				5194
1745	138 41 4·05	51·12	2	+15·99	− 0·63	3952	2577				5203
1746	154 19 52·35	51·65	2	+15·99	+ 0·03	3965					5199
1747	132 30 56·54	51·68	4	+16·03	+ 0·22	3956	2579				5213
1748	90 27 52·04	52·08	2	+16·03	− 0·80				227		5216
1749	142 59 41·04	51·17	2	+16·03	+ 0·77	3961	2581				5210
1750	99 53 41·36	51·34	1	+16·04	− 2·02						5220
1751	128 56 11·57	51·57	2	+16·05	+ 1·20	3959	2583				5218
1752	100 5 31·36	51·33	1	+16·07	− 0·77						5224
1753	103 39 14·29	51·31	1	+16·08	+ 1·03				228		5225
1754	79 25						2586	180			5227
1755	153 43 34·60	51·24	3	+16·16	−11·08*	3986	2602				5234

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				h m s			s	s
1756	3319	7·6	Taylor 4290	9 35 10				
1757	3320	5	Carinæ *m*	9 35 11·84	52·20	2	+1·666	−0·16
1758	3322	7	Rumker 167	9 35 34·17	52·24	2	+1·286	+0·29
1759	3323	6	Carinæ	9 35 49				
1760	3326	5	Taylor 4294	9 36 5·72	52·11	2	+1·847	−0·22
1761	3329	6	Taylor 4299	9 36 51·56	52·12	2	+1·973	−0·45
1762	3331	3	17 Leonis ϵ	9 37 19·71	52·18	7	+3·425	−0·06
1763	3332	6·5	Antliæ θ	9 37 31·14	52·11	2	+2·672	−0·23
1764	3334	5·4	Chamæleontis ζ	9 38 6·82	51·24	6	−1·451	−0·46
1765	3338	6·7	Velorum *o*	9 38 37·09	52·13	2	+2·037	−0·43
1766	3340	7·6	Taylor 4313	9 38 46·40	52·12	2	+2·633	−0·08
1767		6·7	Cape 1840 Cat., No. 1212	9 38 56·30	51·39	3	+1·321	+0·35
1768	3347	6	Taylor 4325	9 40 23·47	52·12	2	+2·300	−0·40
1769	3348	6	Piazzi IX–182	9 40 39·78	52·14	2	+2·332	−0·11
1770	3349	7	3 Sextantis	9 40 45·44	52·09	2	+2·983	−0·07
1771	3350	6·7	Rumker 171	9 40 45·91	52·23	2	+0·789	+0·01
1772	3351	6·5	Cape 1840 Cat., No. 1215	9 40 52·65	50·96	2	+1·919	−0·23
1773	3353	4·5	Carinæ *l*	9 41 7·74	52·15	1	+1·649	−0·08
1774	3354	6	Taylor 4336	9 41 19·86	52·23	2	+1·849	−0·25
1775	3357	7·6	Rumker 173	9 41 52				
1776	3362	6·7	Taylor 4345	9 43 11·93	52·13	2	+2·375	−0·18
1777	3363	7	5 Sextantis	9 43 13·67	52·10	2	+2·983	−0·02
1778	3365	4·3	Argûs *v*	9 43 20				
1779	3367	6	Taylor 4346	9 43 30·64	52·17	2	+2·535	−0·21
1780	3368	6·5	6 Sextantis	9 43 40·36	52·11	2	+3·025	+0·17
1781	3369	6·5	Taylor 4351	9 43 44·19	52·21	2	+1·972	−0·04
1782	3370	5·6	Velorum *u*	9 44 8·02	52·25	2	+2·323	−0·22
1783	3372	5	39 Hydræ v^1	9 44 15·98	52·12	2	+2·883	−0·10
1784	3373	7	Rumker 175	9 44 26				
1785	3377	6	Taylor 4364	9 44 57·03	52·26	2	+2·295	−0·08
1786	3378	6	8 Sextantis	9 45 4·82	52·18	2	+2·974	−0·11
1787	3379	5·6	Taylor 4367	9 45 31·66	52·34	3	+2·318	−0·26
1788		7·6	Taylor 4369	9 45 51·28	52·36	2	+2·312	−0·17
1789	3382	5	Taylor 4370	9 45 53				
1790	3384	5·6	Chamæleontis *v*	9 46 13				
1791	3385	7·6	Taylor 4374	9 46 15·28	52·16	3	+2·702	−0·60*
1792	3388	6·5	Taylor 4379	9 46 32·00	52·15	1	+1·860	−0·18
1793	3389	5·6	Taylor 4381	9 46 42·63	52·18	1	+1·687	−0·07
1794	3391	6	Taylor 4384	9 47 24·56	52·11	2	+2·726	−0·28
1795		6·7	Chamæleontis	9 47 45·77	51·35	3	+0·335	−0·97
1796	3394	6·7	Taylor 4392	9 47 53·15	52·18	2	+2·043	−0·40
1797	3395	5·6	Taylor 4395	9 48 20·48	52·16	2	+2·191	−0·14
1798	3396	6·7	Piazzi IX–213	9 48 23·37	52·36	1	+2·355	+0·08
1799	3400	6	Taylor 4403	9 49 16·89	52·31	2	+2·224	−0·21
1800	3403	7	Taylor 4405	9 49 37·48	52·11	2	+2·649	−0·02

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1756	153 48 45·07	51·24	3	+16·18	+ 0·58	3989	2608				5238
1757	150 39 1·55	51·58	4	+16·18	− 0·74	3987	2607				5240
1758	156 10 58·18	51·12	2	+16·20	− 2·52						5241
1759	152 15 49·97	52·11	2	+16·22	+ 0·07	3993	2611				5244
1760	147 18 10·14	51·18	2	+16·23	− 0·30	3990	2615				5247
1761	144 31 50·82	50·27	2	+16·27	+ 1·16	3994	2625				5257
1762	65 32						2620			156	5263
1763	117 5 5·75	51·84	4	+16·30	− 2·01	3991	2628				5261
1764	170 15 57·60	50·86	2	+16·33	− 0·91	4048	2648				5252
1765	143 12 19·76	51·46	3	+16·36	+ 0·61	4003	2637				5270
1766	119 30 52·26	51·59	2	+16·37	− 0·77	3997	2636				5272
1767	156 13					4018	2644				5269
1768	135 13					4014	2655				5285
1769	134 3 48·08	51·85	3	+16·46	− 0·24	4022	2659				5288
1770	96 33 6·40	51·36	1	+16·47	+ 1·20						5293
1771	161 30 10·67	51·69	2	+16·47	+ 1·30	4040	2663				5280
1772	146 29					4028	2660				5289
1773	151 49 2·49	51·72	3	+16·48	+ 0·39	4033	2664		229		5291
1774	148 6 17·12	51·20	2	+16·50	− 1·41	4032	2665				5294
1775	156 7 2·25	51·51	3	+16·52	+ 0·98	4043					5300
1776	132 47 11·03	51·72	3	+16·59	+ 0·39	4037	2679				5312
1777	96 40 55·64	51·36	1	+16·59	+ 1·38						5315
1778	154 22 37·23	51·99	2	+16·59	+ 0·29	4051	2682	181	230	21	5311
1779	125 34 13·78	51·69	4	+16·60	+ 0·28	4039	2681				5317
1780	93 32 34·27	51·34	1	+16·61	+ 0·94						5324
1781	145 42 55·03	51·20	2	+16·61	+ 0·46	4049	2686				5316
1782	135 2 4·23	51·71	2	+16·63	− 0·47	4047	2688				5325
1783	104 8 43·92	51·31	1	+16·64	− 1·37				231		5328
1784	156 9 57·32	51·48	3	+16·65	− 0·06						5323
1785	136 14 4·88	51·21	2	+16·67	+ 0·41	4053	2696				5334
1786	97 24 3·18	51·36	1	+16·68	+ 2·45						5336
1787	135 29 37·94	51·59	2	+16·70	− 1·01	4055	2702				5338
1788	135 48						2703				5340
1789	135 50 43·57	51·53	3	+16·72	− 0·94	4057	2704				5342
1790	166 4 34·71	50·32	2	+16·74	+ 3·71	4081	2711				5335
1791	116 37 56·34	51·73	2	+16·74	− 3·00*	4056	2705				5350
1792	148 43 17·62	51·18	2	+16·75	+ 2·02	4061	2709				5344
1793	152 2 35·08	51·51	3	+16·76	+ 1·30	4066	2710				5348
1794	115 13 43·41	51·73	2	+16·79	− 1·99	4059	2715				5363
1795	165 4 51·11	50·63	3	+16·80	+ 0·45	4086	2728				5354
1796	144 40 2·65	51·18	2	+16·81	+ 2·22	4067	2722				5365
1797	140 26 22·78	51·24	2	+16·84	+ 2·17	4070	2724				5367
1798	134 34 35·98	52·09	1	+16·84	− 1·06	4068	2723				5368
1799	139 32 8·83	51·19	2	+16·88	− 0·47	4075	2732				5374
1800	120 22					4072	2733				5382

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				h m s			s	s
1801	3405	6	Taylor 4412	9 50 2·71	52·13	3	+2·610	−0·15
1802	3408	6·7	Taylor 4421	9 50 50·76	52·26	2	+2·200	−0·19
1803	3410	4	Argûs, ϕ	9 51 36				
1804	3411	6	Taylor 4429	9 51 45·53	52·12	2	+2·165	−0·55
1805	3414	6	Taylor 4431	9 51 57·89	52·16	2	+2·292	−0·33
1806	3413	7	Rumker 182	9 51 58·07	50·95	1	+1·273	−0·29
1807	3415	5	29 Leonis, π	9 52 17·13	51·05	1	+3·180	−0·13
1808	3417	6	Antliæ, η	9 52 26·47	52·23	2	+2·573	−0·24
1809	3419	6·7	Cape 1840 Cat., No. 1237	9 53 5·15	51·38	2	−0·667	+0·05
1810	3422	6·7	Rumker 183	9 53 45				
1811	3424	6	Taylor 4447	9 54·30				
1812	3426	6·7	Rumker 184	9 54 45·35	52·20	2	+1·735	−0·06
1813	3428	6·7	Piazzi IX–232	9 55 16·74	52·09	2	+2·917	−0·31
1814	3429	7	Taylor 4450	9 55 19·63	52·15	2	+2·253	−0·33
1815	3433	6·7	Taylor 4459	9 56 0·35	52·14	3	+2·073	−0·10
1816	3435	6	Taylor 4463	9 56 14·37	52·17	2	+2·170	−0·39
1817	3437	6·7	Taylor 4472	9 56 52·82	52·29	2	+2·032	−0·12
1818	3441	6	Taylor 4474	9 57 13·98	52·35	2	+1·903	−0·10
1819	3442	6·7	Taylor 4475	9 57 24				
1820	3444	5·6	40 Hydræ, υ^2	9 57 49·21	52·10	2	+2·923	−0·08
1821	3445	6·7	Taylor 4482	9 58 10·71	52·36	2	+1·923	0·00
1822	3447	7	Taylor 4493	9 58 49				
1823	3448	6·7	Piazzi IX–247	9 58 53				
1824	3450	6·7	Taylor 4496	9 58 56				
1825	3451	6·7	Taylor 4494	9 58 59·31	52·40	1	+2·476	+0·22
1826	3452	7	Taylor 4495	9 59 2·94	52·41	1	+2·680	−0·31
1827	3455	6	Taylor 4499	9 59 22				
1828		5·6	Velorum	10 0 14·91	52·35	1	+2·364	+0·21
1829	3459	1·2	32 Leonis, α	10 0 22·74	52·09	49	+3·221	−0·02
1830	3462	7	Taylor 4508	10 1 10·13	52·36	2	+2·271	+0·10
1831	3465	7	Taylor 4512	10 1 34				
1832	3467	7·6	Rumker 193	10 2 15				
1833	3470	6·7	17 Sextantis	10 2 40·39	52·71	2	+2·982	−0·14
1834	3471	5·6	Hydræ	10 2 46				
1835	3472	5·6	Velorum, Q	10 3 15·56	52·35	1	+2·263	−0·19
1836	3473	3·4	41 Hydræ, λ	10 3 16·46	52·67	2	+2·937	+0·05
1837	3474	6	18 Sextantis	10 3 28				
1838	3476	6	Bradley 1414	10 3 48·42	52·41	1	+2·996	−0·28
1839	3477	7·6	Carinæ	10 4 0·59	52·77	2	+1·216	+0·18
1840	3478	7·8	Taylor 4532	10 4 13				
1841	3480	6·5	Chamæleontis, μ^1	10 4 30				
1842	3486	7	20 Sextantis	10 6 16				
1843	3489	7·6	Taylor 4547	10 6 25·64	52·17	2	+2·757	−0·07
1844	3488	7·6	Carinæ	10 6 27·34	52·17	2	+2·050	−0·20
1845	3491	6	Taylor 4552	10 6 33·34	52·35	2	+2·081	−0·13

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1801	122 42 29·93	51·58	2	+16·92	+ 0·05	4077	2738				5387
1802	140 37 27·43	51·72	5	+16·95	+ 0·03	4085	2745				5395
1803	143 51 18·31	51·49	3	+16·99	+ 0·61	4093	2752		232		5400
1804	141 55 32·26	51·69	4	+17·00	+ 0·42	4094	2754				5405
1805	137 41 58·90	51·54	3	+17·01	+ 1·36	4092	2758				5407
1806	158 28					4102	2760				5399
1807	81 14						2757	182			5411
1808	125 10 28·83	51·26	2	+17·03	+ 1·04	4095	2759				5410
1809	169 21					4139	2772				5403
1810	158 23 13·58	51·72	3	+17·09	+ 0·32	4113	2770				5415
1811	151 36 0·53	52·13	1	+17·12	+ 0·21	4112	2776				5420
1812	152 37 31·93	51·50	3	+17·14	+ 2·64	4117	2778				5421
1813	102 34 32·11	50·39	1	+17·16	+ 0·74						5431
1814	139 45 28·50	51·18	2	+17·16	− 0·37	4114	2783				5429
1815	145 22					4129	2789				5434
1816	142 38 31·40	51·24	2	+17·20	+ 1·54	4123	2790				5438
1817	146 37 41·50	51·67	4	+17·23	+ 0·30	4133	2801				5443
1818	149 41 53·67	51·21	2	+17·25	+ 0·66	4138	2806				5449
1819	135 54 41·08	52·15	2	+17·25	+ 0·84	4131	2805				5452
1820	102 20 20·58	51·31	1	+17·27	+ 1·10						5462
1821	149 27 15·05	51·54	3	+17·29	+ 0·94	4145	2815				5460
1822	149 28 26·52	52·20	2	+17·32	+ 0·73	4151	2827				5467
1823	124 9 19·15	51·70	4	+17·32	− 0·22	4141	2821				5474
1824	151 9 30·43	51·24	2	+17·32	− 0·33	4153	2831				5468
1825	131 26 42·81	51·33	2	+17·32	− 1·11	4144	2825				5475
1826	120 9					4143	2823				5478
1827	140 35 11·56	51·23	2	+17·34	− 0·01	4152	2834				5482
1828	136 38 17·35	49·55	3	+17·38	+ 2·87	4158					5486
1829	77 18						2838	184		142	5490
1830	140 20 50·07	51·21	2	+17·42	+ 0·25	4161	2844				5491
1831	141 48 15·65	52·14	3	+17·44	− 0·73		2847				5494
1832	150 28 58·04	50·84	2	+17·47	− 0·79						5500
1833	97 40 23·48	51·31	1	+17·48	+ 0·16						5502
1834	102 4 35·52	51·31	1	+17·49	+ 3·28						5507
1835	141 4 36·49	51·54	3	+17·51	+ 0·73	4172	2860				5511
1836	101 36 53·02	51·34	1	+17·51	+ 0·42				233		5515
1837	97 40 48·69	51·31	1	+17·52	+ 1·80						5516
1838	96 34 46·06	50·39	1	+17·53	+ 0·59						5522
1839	160 44					4194	2869				5514
1840	149 40 52·27	51·67	4	+17·55	− 0·68		2867				5519
1841	171 29 15·88	50·86	2	+17·56	− 0·13	4232	2880				5501
1842	96 38 37·29	50·39	1	+17·64	+ 0·49						5553
1843	116 17 22·01	51·52	3	+17·64	+ 0·43	4193	2881				5554
1844	148 5 21·72	51·18	2	+17·64	− 0·15	4200	2884				5550
1845	147 19 16·08	51·19	2	+17·65	− 0·41	4201	2887				5552

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1846	3492	7·6	21 Sextantis - - -	10 6 39·94	52·10	1	+2·990	−0·11
1847	3494	6	Piazzi X–18 - - -	10 6 47·37	52·26	2	+2·670	−0·71*
1848	3493	6	Chamæleontis - μ^2	10 6 49·42	51·37	1	−0·856	+0·54
1849	3497	6	Taylor 4556 - - -	10 7 23·23	52·33	1	+2·549	−0·03
1850	3498	6·7	Taylor 4558 - - -	10 7 32·86	52·37	3	+2·551	+0·28
1851	3499	5·6	Velorum - - R	10 7 35·92	52·41	1	+2·307	−0·25
1852	3501	5·6	Taylor 4562 - - -	10 7 43·13	53·00	1	+2·293	−0·10
1853	3502	6	Taylor 4565 - - -	10 7 57				
1854	3504	6·7	Taylor 4567 - - -	10 7 59				
1855	3509	4·5	Velorum - - q	10 8 26·62	52·24	2	+2·520	+0·19
1856	3510	6	37 Leonis - - - -	10 8 37·37	52·18	2	+3·232	
1857	3512	6	Piazzi X–32 - -	10 9 14				
1858	3513	5·6	Carinæ - - M	10 9 16·06	52·41	1	+1·700	−0·35
1859	3516	3·4	Argûs - - - ω	10 10 9·48	52·39	2	+1·440	+0·35
1860	3517	6	22 Sextantis - - -	10 10 10·45	52·16	2	+2·992	−0·37
1861	3520	6	Taylor 4588 - - -	10 10 55				
1862	3521	6	Piazzi X–39 - -	10 11 15·32	52·34	2	+2·743	−0·12
1863	3523	2	41 Leonis - - - γ	10 11 41·84	52·13	8	+3·300	−0·10
1864	3526	4	Carinæ - - - q	10 12 4·65	52·36	1	+1·995	+0·10
1865	3527	6·7	Taylor 4598 - - -	10 12 5·59	52·27	2	+2·545	−0·33
1866	3524	7·6	Cape 1840 Cat., No. 1270	10 12 16·39	51·29	4	−2·122	−1·72
1867	3534	6	42 Leonis - - - -	10 13 46·02	52·26	2	+3·239	
1868	3536	4·5	Velorum - - V	10 13 59·19	52·21	2	+2·241	−0·29
1869	3537	5·6	Taylor 4621 - - -	10 14 10·06	52·24	2	+2·433	+0·01
1870	3541	7·6	Rumker 200 - - -	10 14 25				
1871	3543	6·7	Rumker 201 - - -	10 15 5				
1872	3546	5	Velorum - - T	10 15 20·28	52·38	2	+2·219	−0·07
1873	3547	7	Velorum - - -	10 15 26·30	52·42	1	+2·343	+0·38
1874	3549	7	Rumker 203 - - -	10 15 44				
1875	3550	6·7	24 Sextantis - - -	10 15 47·59	52·58	2	+3·069	+0·02
1876	3551	6·7	25 Sextantis - - -	10 15 51·41	52·17	1	+3·038	+0·04
1877	3552	6	Velorum - - r	10 15 54				
1878	3553	6	B. F. 1476 - - -	10 15 56				
1879	3554	6·7	Taylor 4642 - - -	10 16 20·80	52·24	1	+2·741	−0·02
1880	3556	7	Rumker 204 - -	10 16 39				
1881	3557	6	Piazzi X–66 - -	10 16 55·73	52·41	2	+2·629	−0·56*
1882	3558	7	Antliæ - - γ	10 17 1·89	52·25	1	+2·750	+0·20
1883	3563	5·6	Bradley 1447 - -	10 18 14·61	52·18	2	+3·007	−0·51*
1884	3564	5·6	Carinæ - - L	10 18 31·34	52·36	2	+1·776	+0·11
1885	3566	7	Bradley 1449 - -	10 18 46				
1886	3568	4	42 Hydræ - - μ	10 18 50·31	52·34	2	+2·906	−0·07
1887	3569	6	Taylor 4664 - - -	10 18 51·37	52·41	1	+2·562	−0·01
1888	3570	6	26 Sextantis - - -	10 18 57				
1889	3573	6	27 Sextantis - - -	10 19 12·16	52·24	2	+3·035	−0·03
1890	3574	6	Taylor 4672 - - -	10 19 33·35	52·42	1	+2·169	+0·10

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1846	97 15 3·38	51·01	1	+17·65	+ 0·74						5560
1847	122 17 35·76	51·24	2	+17·66	− 1·71	4196	2888				5559
1848	170 50					4246	2901				5532
1849	129 36 16·37	51·20	2	+17·68	+ 0·13	4202	2892				5562
1850	129 34 5·77	51·20	2	+17·69	− 0·59	4204	2894				5565
1851	140 29 25·06	52·12	2	+17·69	+ 1·10	4206	2895				5563
1852	141 0 51·23	50·26	1	+17·70	− 0·09	4208	2896				5566
1853	149 10 35·62	51·37	1	+17·70	− 0·43	4217	2899				5567
1854	145 50 40·26	50·27	1	+17·71	+ 0·91	4215	2900				5570
1855	131 22 49·20	51·24	2	+17·73	− 0·80	4212	2904		234		5578
1856	75 31										
1857	132 21 53·48	51·24	2	+17·76	+ 1·41	4222	2914				5587
1858	155 37 46·77	51·52	3	+17·76	+ 0·18	4233	2918				5584
1859	159 17 36·69	51·97	4	+17·80	+ 0·77	4243	2924		235		5593
1860	97 19 17·84	51·31	1	+17·80	+ 0·53						5607
1861	149 9 26·68	50·87	2	+17·83	− 1·47	4241	2926				5609
1862	118 14 37·77	51·50	4	+17·84	− 0·99	4234	2927				5613
1863	69 24						2929				5620
1864	150 35 2·62	51·50	3	+17·87	− 0·01	4249	2935		236		5617
1865	130 55 8·87	51·21	2	+17·87	− 1·10	4244	2933				5622
1866	173 20					4297	2950				5599
1867	74 16										
1868	144 16 37·26	51·20	2	+17·95	+ 0·89	4263	2952				5636
1869	136 56 46·04	51·24	2	+17·96	+ 1·22	4260	2954				5640
1870	153 55 29·59	50·82	2	+17·97	− 1·78	4268	2962				5639
1871	154 23 2·19	52·15	1	+17·99	+ 1·76	4274					5651
1872	145 17 19·35	50·29	2	+18·00	+ 1·19	4272	2972		237		5655
1873	140 59 12·14	51·72	4	+18·00	+ 1·33		2973				5659
1874	156 24 51·94	50·30	2	+18·02	− 0·94	4280					5658
1875	90 8 39·39	52·13	1	+18·02	− 0·06						5664
1876	93 19 3·49	51·33	1	+18·02	+ 0·63						5666
1877	130 53 48·31	51·53	3	+18·02	− 0·33	4271	2974		238		5662
1878	92 53 10·22	52·29	1	+18·02	+ 0·49						5667
1879	119 24 17·40	51·22	2	+18·04	+ 0·47	4273	2978				5670
1880	154 26 25·38	52·10	1	+18·05	+ 0·49	4285					5669
1881	127 15 0·20	51·33	2	+18·06	+ 2·10	4278	2980				5676
1882	118 53					4277	2981				5678
1883	96 18 18·40	50·39	1	+18·11	− 4·14*						5689
1884	156 8 37·38	51·24	3	+18·12	− 0·67	4296	2999				5684
1885	95 39 57·23	52·29	1	+18·13	+ 0·57						5696
1886	106 4 19·84	51·74	2	+18·13	− 0·39				239		5697
1887	131 42 23·58	51·20	2	+18·13	− 0·26	4289	3000				5692
1888	90 13 36·65	52·03	1	+18·14	+ 0·50						5698
1889	93 37 35·49	51·33	1	+18·15	+ 0·61						5700
1890	147 48 56·55	51·63	4	+18·16	+ 1·28	4300	3007				5699

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1891	3576	7	Piazzi X–77 - -	10 19 55·39	53·00	1	+3·069	−0·01
1892	3578	4	Antliæ - - *α*	10 20 17·50	52·36	1	+2·741	−0·12
1893	3581	6	Taylor 4687 - - -	10 21 2·59	52·26	2	+2·297	−0·07
1894	3582	6·7	Bradley 1456 - -	10 21 7				
1895	3585	4·5	Carinæ - - I	10 21 24				
1896	3587	7·6	Carinæ - - -	10 21 43				
1897	3589	5	Velorum - - P	10 21 49				
1898	3590	6	29 Sextantis - - -	10 21 51				
1899	3591	6	Taylor 4695 - - -	10 21 53				
1900	3594	5·4	Carinæ - - *s*	10 22 22·80	52·40	1	+2·187	+0·13
1901	3595	7·6	Rumker 210 - -	10 22 25				
1902	3596	6	Piazzi X–90 - -	10 22 33·76	52·41	1	+2·766	−0·42
1903	3598	5·6	Antliæ - - - *δ*	10 22 41·47	52·41	1	+2·755	−0·29
1904	3599	6	Cape 1840 Cat., No. 1291	10 22 41·61	52·41	1	+1·893	+0·04
1905	3601	6·7	Taylor 4706 - - -	10 23 9				
1906	3603	6	Bradley 1462 - -	10 23 28·17	52·18	2	+3·005	+0·08
1907	3604	7·6	Taylor 4714 - - -	10 24 5				
1908	3605	6·7	Cape 1840 Cat., No. 1293	10 24 10·48	52·34	2	+1·937	+0·29
1909	3609	4	47 Leonis - - - *p.*	10 24 54·54	51·21	2	+3·166	0·00
1910	3611	7	43 Hydræ - - ϕ^1	10 25 23·43	52·18	2	+2·915	−0·16
1911	3614	5·6	Velorum - - Y	10 25 31				
1912	3613	6·7	Velorum - - *s*	10 25 32·83	52·30	2	+2·548	−0·14
1913	3615	6·7	Piazzi X–107 - -	10 25 33·42	52·32	3	+2·548	+0·09
1914	3616	7·6	Carinæ - - -	10 26 8·76	52·39	2	+1·599	−0·13
1915	3617	6	Carinæ - - K	10 26 33				
1916	3618	5	Velorum - - *t*	10 26 37				
1917	3619	5·4	Carinæ - - *p*	10 26 41·68	52·40	1	+2·119	+0·25
1918	3620	6·5	44 Hydræ - - -	10 26 52				
1919	3624	5·6	Cape 1840 Cat., No. 1305	10 27 31·04	51·37	1	+1·411	+0·66
1920	3626	6	Taylor 4754 - - -	10 27 45·75	52·52	3	+2·252	−0·08
1921	3627	5·6	Bradley 1472 - -	10 27 49				
1922	3630	6	Taylor 4757 - - -	10 28 33·82	52·41	1	+2·653	−0·35
1923	3631	7·6	Taylor 4760 - - -	10 28 45·43	52·41	1	+2·165	+0·53
1924	3632	6	Hydræ - - ϕ^2	10 28 57·49	52·18	2	+2·927	−0·17
1925	3635	4	Carinæ - - - - *r*	10 29 50·25	52·27	2	+2·288	−0·07
1926	3636	6	Taylor 4773 - - -	10 30 6				
1927	3637	5	Hydræ - -	10 30 8				
1928	3638	5	Piazzi X–123 - -	10 30 11·53	52·24	4	+2·815	−0·17
1929	3642	5	Carinæ - - t^1	10 30 44·33	52·35	2	+2·233	−0·29
1930	3644	4·5	Velorum - - *p*	10 31 0·55	51·67	3	+2·519	−0·29
1931	3646	5	Hydræ - - ϕ^3	10 31 16·64	52·38	2	+2·925	0·00
1932	3648	6	Taylor 4790 - - -	10 31 44·59	52·36	1	+2·268	+0·10
1933	3651	6	Taylor 4793 - - -	10 32 13				
1934	3653	6·7	Chamæleontis - -	10 32 35				
1935	3654	6·5	Cape 1840 Cat., No. 1319	10 32 38·32	52·42	1	+1·143	−1·06

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1891	90 12 1·04	52·03	1	+18·17	+ 1·08						5711
1892	120 18 19·97	51·74	2	+18·19	− 0·29	4298	3011		240		5714
1893	144 6 50·45	51·69	4	+18·21	+ 1·23		3017				5718
1894	92 58 36·07	51·31	1	+18·22	+ 2·18						5722
1895	163 16 8·92	50·92	3	+18·23	− 0·09	4319	3025		241		5717
1896	163 12 36·97	50·92	3	+18·24	− 0·60	4322	3028				5719
1897	146 52 30·34	51·23	2	+18·24	− 0·94	4310	3023				5724
1898	91 58 22·82	50·39	1	+18·24	+ 0·92						5728
1899	138 38 21·86	51·20	2	+18·25	+ 0·97	4305	3022				5727
1900	147 58 27·68	51·23	2	+18·26	+ 1·08	4314	3031				5729
1901	146 26 1·82	50·87	2	+18·26	− 0·58	4313					5732
1902	118 53 54·08	51·56	3	+18·27	− 1·30	4306	3030				5736
1903	119 50 27·19	52·17	1	+18·27	+ 0·03	4309	3032				5738
1904	154 56 27·22	50·28	3	+18·27	− 0·56	4321	3034				5734
1905	146 28 3·42	50·87	2	+18·29	− 0·73	4320	3035				5743
1906	96 52 10·76	51·35	1	+18·30	+ 1·10						5751
1907	144 12 35·57	51·74	4	+18·32	+ 1·53	4325	3043				5754
1908	154 24 38·26	51·26	2	+18·33	+ 0·25	4331	3044				5752
1909	79 55						3046				5763
1910	106 11 5·91	51·33	1	+18·37	+ 1·41						5771
1911	142 57 14·44	51·55	3	+18·38	− 3·52	4336	3062				5767
1912	134 17 59·51	51·76	3	+18·38	− 1·32	4334	3058				5769
1913	134 17 48·33	51·76	3	+18·38	− 0·56		3059				5770
1914	160 7 10·81	51·53	3	+18·40	+ 1·05		3068				5772
1915	161 13 18·04	51·57	2	+18·41	+ 1·12	4357	3074				5774
1916	136 13 55·44	51·35	2	+18·41	− 0·23	4344	3069				5781
1917	150 54 54·37	51·17	2	+18·42	− 1·31	4348	3072		242		5778
1918	112 58 25·88	51·35	1	+18·42	− 0·70						5786
1919	162 27					4367	3083				5784
1920	147 25 4·20	50·84	2	+18·45	− 1·02	4356	3078				5793
1921	112 24 14·72	50·39	1	+18·45	− 0·67						5796
1922	128 47 17·90	51·73	4	+18·48	− 1·20	4358	3085				5800
1923	150 12 49·31	51·19	2	+18·49	+ 0·55	4366	3089				5799
1924	105 34 8·66	52·13	1	+18·49	+ 0·59						5807
1925	146 46					4373	3099				5816
1926	147 26 54·43	51·00	3	+18·53	− 1·34	4375	3107				5822
1927	102 36 20·26	52·17	1	+18·53	+ 2·80						5827
1928	116 38 11·65	50·35	1	+18·54	− 0·13	4370	3102				5825
1929	148 47 8·29	51·21	2	+18·55	+ 2·86	4380	3112				5832
1930	137 26 49·43	51·49	3	+18·56	+ 1·83	4378	3114		243		5839
1931	106 5 58·19	51·35	1	+18·57	+ 0·37				244		5842
1932	147 57 19·20	51·22	2	+18·59	+ 0·58	4388	3121				5846
1933	146 28 39·49	52·15	1	+18·60	+ 0·01	4390	3123				5850
1934	171 8 47·31	51·01	1	+18·61	+ 0·02	4430	3137				5841
1935	165 31 56·03	51·35	2	+18·62	− 0·58	4411	3130				5849

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				h m s			s	s
1936	3655	5·4	Carinæ - - t^2	10 33 3				
1937	3657	6	Taylor 4799 - - -	10 33 16·93	52·41	1	+2·279	−0·27
1938	3658	5	Velorum - - X	10 33 20				
1939	3659	6	Carinæ - - -	10 33 38·34	52·29	2	+2·075	0·00
1940	3660	5·6	Chamæleontis - γ	10 33 39·96	52·40	1	+0·790	−0·65
1941	3663	6	33 Sextantis - - -	10 33 46·31	52·18	2	+3·063	−0·01
1942	3668	6	Carinæ - - -	10 35 0				
1943	3669	6·7	Taylor 4818 - - -	10 35 2				
1944	3673	6·7	Taylor 4824 - - -	10 35 34				
1945	3674	7	Bradley 1489 - -	10 35 40·82	52·26	1	+2·869	+0·10
1946	3675	6	Cape 1840 Cat., No. 1334	10 35 41				
1947	3676	6	Cape 1840 Cat., No. 1335	10 35 43·62	52·41	1	+1·426	−0·01
1948	3677	6	Piazzi X–143 - -	10 35 46·13	52·30	2	+2·771	+0·21
1949		6	Carinæ - -	10 35 49·92	52·17	2	+2·101	−0·43
1950	3680	6	Taylor 4832 - - -	10 36 53·57	51·32	1	+2·299	−0·24
1951	3681	6	Taylor 4833 - - -	10 36 55·66	52·17	2	+2·112	−0·45
1952	3686	2·3	Argûs - - - θ	10 37 36				
1953	3688	5	Taylor 4844 - - -	10 37 50				
1954	3689	6·7	Taylor 4849 - - -	10 38 7				
1955		7	Taylor 4850 - - -	10 38 10				
1956	3694	6·5	Cape 1840 Cat., No. 1342	10 38 41				
1957	3695	6	Argûs - - - η	10 39 15·11	52·41	25	+2·306	+0·13
1958	3697	6·5	Hydræ - - b^1	10 39 31·39	52·18	2	+2·934	−0·19
1959	3698	6·7	Taylor 4861 - - -	10 39 35·39	52·67	2	+2·854	−0·35
1960	3699	6	Carinæ - - -	10 39 48·83	51·42	1	+1·806	−0·11
1961	3700	6	Piazzi X–158 - -	10 39 57				
1962		6	Carinæ - - -	10 40 0·90	51·42	1	+1·811	−0·26
1963	3701	5·6	Cape 1840 Cat., No. 1347	10 40 13				
1964	3702	3	Argûs - - - μ	10 40 19				
1965	3703	6	Taylor 4871 - - -	10 40 31				
1966	3705	5	Velorum - - Z	10 40 55·03	52·27	1	+2·401	−0·01
1967	3706	6·7	Carinæ - - -	10 41 2				
1968	3709	7	39 Sextantis - - -	10 41 26·83	52·26	2	+3·005	+0·12
1969	3711	6·7	40 Sextantis - - -	10 41 40·88	52·71	2	+3·045	−0·03
1970	3712	6·7	Carinæ - - -	10 41 55				
1971	3716	7·6	Carinæ - - -	10 42 12				
1972	3715	4	Hydræ - - - ν	10 42 13·66	52·26	1	+2·948	−0·02
1973	3717	7	Carinæ - - -	10 42 24				
1974	3718	6	41 Sextantis - - -	10 42 46·94	52·41	1	+3·008	−0·28
1975	3719	6	Piazzi X–173 - -	10 42 58·84	52·41	1	+2·781	−0·29
1976	3721	6·7	Taylor 4901 - - -	10 43 28				
1977	3722	7	Hydræ - - - b^2	10 43 45·60	52·36	2	+2·933	
1978	3723	5·6	Chamæleontis - δ^1	10 43 46				
1979	3724	5	Chamæleontis - δ^2	10 44 18·55	52·40	1	+0·674	−0·09
1980	3730	7·6	Taylor 4912 - - -	10 45 40				

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1936	148 24 11·69	50·86	2	+18·63	− 0·01	4396	3127				5861
1937	148 2 13·79	51·29	2	+18·64	+ 1·17	4401	3133				5866
1938	144 49 21·91	50·37	1	+18·64	0·00	4398	3135				5867
1939	153 43					4409	3138				5871
1940	167 49 48·77	51·81	3	+18·65	+ 0·19	4428	3146		245		5859
1941	90 57										5879
1942	154 19 6·26	52·14	1	+18·69	+ 1·38	4418	3156				5887
1943	147 9 11·91	50·35	1	+18·69	+ 0·36		3154				5889
1944	148 53 37·34	51·59	3	+18·71	+ 1·16	4422	3162				5899
1945	112 45 54·65	51·35	1	+18·71	− 0·52						5902
1946	164 22 33·58	50·43	1	+18·71	+ 1·26	4441	3166				5890
1947	163 42 41·52	50·28	1	+18·72	+ 0·47	4439	3170				5892
1948	121 55 54·28	51·33	1	+18·72	+ 0·04	4415	3161				5903
1949	153 41					4427	3164				5901
1950	148 25 51·70	50·57	4	+18·75	+ 1·08	4435	3175				5915
1951	153 40 56·23	51·51	3	+18·75	+ 0·57	4440	3176		246		5914
1952	153 36 34·84	51·24	2	+18·77	− 0·52	4447	3184	192	247	22	5920
1953	149 46 50·52	51·60	3	+18·78	+ 1·04	4446	3185				5921
1954	149 19 53·66	51·25	2	+18·79	+ 0·26	4448	3187				5927
1955	148 45 40·91	50·91	2	+18·79	+ 0·44	4449	3188				5929
1956	153 10 28·80	50·36	1	+18·81	+ 0·81	4455	3195				5934
1957	148 53					4457	3198	194	248	33	5938
1958	106 30 27·18	51·36	1	+18·83	+ 0·50						5947
1959	115 15 41·86	51·35	1	+18·83	− 1·75		3200				5948
1960	160 4					4467	3203				5945
1961	132 24 5·74	50·43	1	+18·84	− 0·04	4459	3201				5954
1962	160 4										5946
1963	168 59 49·02	51·36	2	+18·85	+ 1·96	4489	3212				5942
1964	138 37 43·50	51·01	1	+18·86	+ 1·34	4461	3206	195	249	50	5957
1965	149 48 49·91	51·34	2	+18·86	− 0·09	4464	3208				5958
1966	145 58 0·92	50·35	1	+18·87	+ 1·68	4468	3211				5963
1967	153 28 26·75	51·23	2	+18·88	− 0·77	4473	3215				5964
1968	98 18 27·16	51·41	1	+18·89	+ 2·07						5975
1969	93 13 54·95	51·41	1	+18·90	+ 1·29						5978
1970	158 25 10·49	50·37	1	+18·90	+ 0·53	4486	3226				5973
1971	153 45 22·56	50·36	1	+18·91	+ 0·33	4485	3230				5980
1972	105 24 36·27	51·35	1	+18·91	− 0·45				250		5986
1973	153 28 19·56	51·23	2	+18·92	+ 0·28	4487	3232				5984
1974	98 6 14·93	51·36	1	+18·93	+ 0·86						5992
1975	123 15 56·67	50·42	1	+18·93	− 0·05	4483	3237				5993
1976	148 31 50·25	51·28	2	+18·95	+ 1·38	4493	3239				5995
1977	107 32 19·47	51·01	1	+18·96							
1978	169 40 40·92	51·35	2	+18·96	− 0·81	4509	3243				5991
1979	169 44 57·11	51·35	2	+18·97	+ 0·79	4513	3247		251		5994
1980	146 28 38·20	50·25	1	+19·01	− 0·49	4501	3253				6006

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
1981	3731	6·7	Taylor 4913 - -	10 45 45·41	52·22	2	+2·477	−0·26
1982	3732	6	Leonis - - - -	10 46 5·41	52·18	2	+3·061	−0·19
1983	3733	5	Hydræ - - b^3	10 46 9·35	52·30	2	+2·922	+0·20*
1984	3734	5·6	Taylor 4921 - -	10 46 22				
1985	3739	7	Taylor 4933 - -	10 47 18				
1986	3740	5	Carinæ - - u	10 47 24				
1987	3745	7·6	Taylor 4936 - -	10 47 41·71	52·27	2	+2·747	+0·08
1988		8	Antliæ - - -	10 47 43·59	52·18	1	+2·747	−0·32
1989	3746	6	Cape 1840 Cat., No. 1361	10 47 44·12	51·35	3	+1·514	−0·06
1990	3753	6	Cape 1840 Cat., No. 1363	10 48 47				
1991	3754	6·7	Taylor 4952 - -	10 49 18·33	52·36	2	+2·376	+0·05
1992	3755	6	Piazzi X–199 - -	10 49 44				
1993	3756	6·5	Cape 1840 Cat., No. 1365	10 49 57				
1994	3763	6	Piazzi X–208 - -	10 52 9·28	52·17	2	+2·818	+0·08
1995	3766	4	7 Crateris - - a	10 52 27·93	52·17	3	+2·948	+0·21
1996	3768	5	58 Leonis - - - d	10 52 48·73	51·73	2	+3·101	−0·94
1997	3770	6	Taylor 4981 - -	10 53 11·06	52·35	2	+2·712	−0·09
1998	3771	6	Taylor 4984 - -	10 53 12				
1999	3772	5·6	Piazzi X–215 - -	10 53 17·01	52·19	3	+2·733	0·00
2000	3774	6	Piazzi X–216 - -	10 53 34·01	52·34	1	+2·841	−0·35
2001	3775	5·4	61 Leonis - - - p^1	10 54 10				
2002	3778	6	Bradley 1531 - -	10 55 9·15	52·41	1	+2·889	+0·01
2003	3783	7·6	Taylor 5011 - -	10 56 7·62	52·17	2	+2·848	−0·10
2004	3786	7	Piazzi X–232 - -	10 56 38·87	52·23	2	+3·068	
2005	3788	5	63 Leonis - - - χ	10 57 16·59	52·15	4	+3·123	0·00
2006	3789	6	Taylor 5030 - - -	10 57 32·01	52·41	1	+2·586	+0·01
2007	3791	6	Taylor 5033 - - -	10 57 46				
2008	3792	6	Taylor 5034 - - -	10 57 49·53	52·18	1	+2·820	−0·10
2009	3793	6·5	Hydræ - - χ^1	10 58 6·68	52·16	1	+2·893	+0·03
2010	3794	6	Hydræ - - χ^2	10 58 41				
2011	3796	6·7	Taylor 5044 - -	10 58 58·80	51·36	2	+2·698	+0·04
2012	3799	7·6	Taylor 5047 - - -	10 59 25·02	52·22	2	+2·886	−0·15
2013	3800	6	Centauri - - -	10 59 25				
2014	3802	6·5	Taylor 5054 - - -	11 0 8·25	52·30	1	+2·521	−0·36
2015	3803	6·5	Octantis - - η	11 0 12·52	51·35	3	−0·096	−1·41
2016	3804	6·5	Piazzi X–248 - -	11 0 21·21	52·36	1	+2·763	−0·41
2017	3805	5·6	Carinæ - - z^1	11 0 24·46	52·37	1	+2·435	−0·19
2018	3806	6·7	Cape 1840 Cat., No. 1386	11 0 26				
2019	3807	7·6	Piazzi X–250 - -	11 0 37·35	52·27	1	+3·064	−0·09
2020	3810	6	Taylor 5062 - - -	11 0 47				
2021	3815	6	Bradley 1544 - -	11 1 28				
2022	3816	7	66 Leonis - - - p^4	11 1 34·01	52·18	2	+3·068	+0·10
2023	3817	6·7	Taylor 5070 - - -	11 1 34				
2024	3818	5	Carinæ - - x	11 2 12·17	52·38	2	+2·534	−0·30
2025	3819	6·7	Taylor 5072 - - -	11 2 13				

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
1981	144 20 34·62	50·31	2	+19·01	+ 1·05	4500	3254 3255				6007
1982	91 20 0·24	51·36	1	+19·02	− 1·52						6019
1983	109 19 56·98	50·39	1	+19·02	+ 7·11*						6021
1984	146 26 40·76	50·25	1	+19·03	− 0·52	4507	3263				6018
1985	148 5 46·62	50·29	2	+19·06	+ 1·48		3272				6030
1986	148 3 27·11	50·29	2	+19·06	− 1·62	4515	3274		252		6034
1987	127 57 23·47	51·28	2	+19·07	+ 0·42	4517	3278				6036
1988	127 57 4·23	51·28	2	+19·07	+ 0·33						6037
1989	165 5					4528	3280				6029
1990	159 55 18·65	50·31	2	+19·10	+ 1·32	4531	3288				6043
1991	149 43 16·67	51·17	2	+19·11	− 2·21	4530	3291				6050
1992	126 19 55·19	50·29	1	+19·12	+ 1·51	4527	3293				6052
1993	168 45 40·24	51·40	2	+19·13	+ 2·03	4544	3298				6049
1994	122 55 57·79	51·32	2	+19·18	+ 1·04	4540	3312				6069
1995	107 30 4·12	50·29	1	+19·19	+ 1·06		3315	196	253		6072
1996	85 34										6077
1997	133 0 14·20	51·19	2	+19·21	− 0·21	4549	3321				6079
1998	150 31 4·77	50·31	2	+19·21	− 0·71	4556	3324				6078
1999	131 25 21·14	51·28	2	+19·21	− 0·76	4550	3323				6081
2000	121 2 22·60	50·35	1	+19·22	− 3·37	4552	3328				6088
2001	91 40 41·01	51·01	1	+19·23	+ 0·60						6095
2002	116 1 14·30	51·26	2	+19·26	+ 2·87	4565	3340				6098
2003	121 9 10·93	52·29	1	+19·28	+ 0·99	4571	3350				6110
2004	90 28										
2005	81 51							199			6126
2006	143 23 23·29	51·27	2	+19·32	+ 0·26	4581	3368				6127
2007	136 52 20·87	50·26	1	+19·32	− 0·69	4584	3371				6131
2008	124 59 48·44	50·36	1	+19·32	− 0·57	4580	3372				6134
2009	116 29 6·28	50·82	2	+19·33	− 1·79	4583	3376		254		6139
2010	116 28 41·74	50·82	2	+19·34	− 0·86	4587	3382				6147
2011	136 37					4591	3387				6149
2012	117 55 0·86	50·36	1	+19·36	+ 0·30	4593	3389				6151
2013	140 24 0·25	51·26	2	+19·36	+ 3·40	4598	3390				6150
2014	147 51 54·66	51·28	2	+19·38	+ 0·58	4604	3399				6160
2015	173 47					4643	3409				6146
2016	131 49 50·03	50·36	1	+19·38	− 3·32	4603	3400				6169
2017	151 36 51·00	51·32	2	+19·38	+ 0·71	4611	3402				6165
2018	154 1 47·67	50·25	1	+19·38	− 0·66	4613	3404				6166
2019	91 5										6171
2020	137 49 47·45	50·35	1	+19·39	+ 1·59	4610	3407				6170
2021	117 16 5·40	50·43	1	+19·41	+ 0·71	4615			255		6180
2022	90 31										6183
2023	141 35 44·60	50·86	2	+19·41	− 3·06	4619	3412				6179
2024	148 9 47·14	50·29	1	+19·42	+ 0·55	4627	3416				6184
2025	146 15 14·89	51·20	2	+19·42	+ 0·40	4626	3417				6185

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				h m s			s	s
2026	3820	6	Carinæ - - z^2	11 2 20				
2027	3822	6	Piazzi XI–2 - -	11 2 41				
2028	3823	7·6	Taylor 5078 - - -	11 2 44				
2029	3826	5	11 Crateris - - β	11 4 17·22	52·18	1	+2·941	−0·16
2030	3828	6·7	Taylor 5090 - - -	11 4 39·37	52·26	3	+2·915	+0·11
2031	3829	6·7	Taylor 5097 - - -	11 5 16·13	52·29	2	+2·749	−0·54
2032	3830	5·6	Taylor 5102 - - -	11 5 44·08	52·36	2	+2·719	−0·61
2033	3833	6	Taylor 5106 - - -	11 6 7·22	52·36	1	+2·713	−0·17
2034	3835	5·4	Carinæ - - y	11 6 11·16	52·36	1	+2·542	−0·28
2035	3839	5·6	Cape 1840 Cat., No. 1401	11 6 34·08	52·36	1	+2·455	−0·38
2036	3840	6	Taylor 5116 - - -	11 6 55·53	52·26	1	+2·672	−0·01
2037	3841	6	Taylor 5118 - - -	11 7 2				
2038	3843	5·6	73 Leonis - - n	11 8 0·78	52·10	2	+3·146	
2039	3848	5	74 Leonis - - ϕ	11 9 2·12	52·23	2	+3·056	
2040	3847	7	Carinæ - - -	11 9 3·69	51·36	2	+2·281	−0·32
2041	3849	6·7	Taylor 5140 - - -	11 9 30·25	52·32	2	+2·778	−0·34
2042	3853	6·7	Taylor 5150 - - -	11 10 25				
2043	3855	7	Piazzi XI–32 - -	11 10 36·27	52·22	2	+3·050	+1·60*
2044	3858	6·7	Rumker 234 - - -	11 11 13				
2045	3859	3·4	12 Crateris - - δ	11 11 50·66	52·25	11	+3·001	−0·02
2046	3860	6	Cape 1840 Cat., No. 1409	11 13 1·34	52·30	2	+2·519	−1·38*
2047	3862	4	77 Leonis - - - σ	11 13 23·88	51·73	3	+3·103	+0·22
2048	3866	4·5	Centauri - - π	11 14 10				
2049	3865	6	Cape 1840 Cat., No. 1412	11 14 11				
2050	3867	6·7	Cape 1840 Cat., No. 1413	11 14 13				
2051	3870	6·7	Taylor 5187 - - -	11 15 17·85	52·25	2	+2·822	−0·21
2052	3872	6	Taylor 5193 - - -	11 15 31·61	51·36	2	+2·665	−0·03
2053	3874	6·5	13 Crateris - - λ	11 15 56·01	52·17	2	+2·988	−0·76*
2054	3875	6·5	Piazzi XI–55 - -	11 15 57·54	52·35	2	+2·890	−0·34
2055			Crateris - - -	11 16 1·30	52·35	2	+2·995	
2056	3876	7·6	Taylor 5198 - - -	11 16 3·97	51·46	1	+2·671	−0·14
2057	3877	4	78 Leonis - - - ι	11 16 6·15	52·37	4	+3·122	
2058	3878	6	Taylor 5200 - - -	11 16 20·60	52·34	2	+2·696	−0·12
2059	3880	6	Cape 1840 Cat., No. 1420	11 16 54·02	52·18	2	+2·555	−0·27
2060	3881	5	14 Crateris - - ϵ	11 17 2·23	52·35	2	+3·027	−0·03
2061	3883	4	15 Crateris - - γ	11 17 23·45	52·35	1	+2·996	+0·21
2062	3890	6	Piazzi XI–68 - -	11 18 13				
2063	3889	6	Cape 1840 Cat., No. 1426	11 18 14·30	52·38	2	+2·349	−0·49
2064	3891	6	Taylor 5219 - - -	11 18 18·17	52·38	2	+2·889	−0·31
2065	3893	7·6	Taylor 5222 - - -	11 18 35·10	52·32	1	+2·830	−0·24
2066	3896	7	Cape 1840 Cat., No. 1430	11 19 22·38	52·40	1	+2·308	−0·35
2067	3897	6	16 Crateris - - κ	11 19 36				
2068	3898	6·5	Taylor 5228 - - -	11 19 49·25	52·35	1	+2·768	−0·41
2069	3899	6·7	Taylor 5230 - - -	11 19 52·13	52·36	1	+2·663	−0·53
2070	3900	4	84 Leonis - - - τ	11 20 13·25	51·28	2	+3·086	+0·14

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2026	151 8 8·17	50·27	1	+19·42	+ 0·03	4629	3419				6186
2027	121 33 13·09	50·34	1	+19·43	+ 1·76	4623	3430				6189
2028	118 58 51·23	50·39	3	+19·43	+ 1·32		3421				6193
2029	112 0 28·12	50·29	1	+19·47	+ 0·18		3436	201	256		6205
2030	115 59 33·83	50·37	1	+19·47	− 0·66	4639	3435				6209
2031	135 27 8·32	51·32	2	+19·49	+ 1·35	4644	3445				6215
2032	138 17 14·62	51·65	2	+19·50	− 0·14	4649	3452				6220
2033	138 55 15·22	51·26	2	+19·50	+ 0·61	4650	3457				6224
2034	149 30 9·80	50·35	1	+19·50	− 0·04	4652	3462				6223
2035	153 21 17·04	50·31	2	+19·51	− 0·61	4657	3467				6230
2036	142 25 2·83	51·28	2	+19·52	− 0·72	4656	3470				6235
2037	148 48 11·61	51·21	2	+19·52	+ 1·24	4661	3473				6236
2038	75 52										
2039	92 49 56·10	52·44	1	+19·56					257		
2040	159 32					4684	3497				6258
2041	135 3 53·36	51·28	2	+19·57	− 1·37	4678	3501				6270
2042	123 55 7·63	51·32	2	+19·59	− 0·15	4688	3510				6281
2043	94 14										6285
2044	157 0 15·54	51·28	3	+19·60	+ 0·65	4701	3516				6290
2045	103 58								258	106	6298
2046	153 45 51·17	50·26	1	+19·64	− 0·52	4712	3530				6303
2047	83 8							203			6312
2048	143 40 10·71	51·81	2	+19·66	− 0·13	4717	3544	204	259		6321
2049	168 50 48·50	51·34	2	+19·66	+ 3·14	4729	3548				6313
2050	164 19 18·40	50·89	2	+19·66	− 0·48	4724	3547				6316
2051	133 49 22·14	51·32	2	+19·68	− 0·18	4723	3550				6325
2052	147 33 42·70	50·27	4	+19·68	+ 2·26		3552				6327
2053	107 57 21·93	50·29	1	+19·69	+ 1·73*						6335
2054	125 20 30·36	50·35	2	+19·69	+ 1·68	4728	3554				6333
2055	106 47										
2056	147 29					4733	3555				6334
2057	78 38										
2058	145 57 24·82	50·34	1	+19·69	+ 0·19	4734	3557				6336
2059	154 7 56·34	50·35	1	+19·70	− 0·71	4737	3562				6341
2060	100 2 14·44	50·45	1	+19·70	+ 0·07				260		6344
2061	106 51 38·61	50·37	1	+19·71	+ 2·34				261		6347
2062	125 14 24·16	51·33	2	+19·72	− 0·80	4739	3571				6350
2063	161 25					4744	3575				6349
2064	126 55 24·48	50·37	1	+19·72	− 0·47	4740	3573				6352
2065	135 3 20·09	50·35	1	+19·73	+ 1·21	4743	3576				6354
2066	162 48 36·26	51·28	2	+19·74	− 0·60	4752	3581				6355
2067	101 31 58·81	50·38	1	+19·74	− 0·89						6359
2068	142 20 8·48	50·26	1	+19·75	+ 0·23	4748	3582				6361
2069	150 17 26·85	50·26	1	+19·75	− 0·64	4751	3584				6360
2070	86 19										6367

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2071	3903	7	Piazzi XI–78 - -	11 20 22·93	52·23	3	+3·070	
2072	3907	6	Piazzi XI–81 - -	11 21 22·47	52·31	2	+2·870	−0·25
2073	3908	6·7	Taylor 5248 - - -	11 21 42·09	52·31	1	+2·724	−0·14
2074	3909	7·6	Piazzi XI–82 - -	11 21 43·97	52·22	2	+3·071	−0·06
2075	3912	7	Cape 1840 Cat., No. 1438	11 22 12·09	51·42	2	+2·408	−0·05
2076	3916	4·5	87 Leonis - - - *e*	11 22 39·32	52·41	1	+3·062	−0·06
2077	3920	7	Piazzi XI–94 - -	11 24 18·78	52·23	2	+3·050	+0·11
2078	3926	6·5	Bradley 1579 - -	11 25 29·52	52·30	3	+2·954	−0·19
2079	3927	6	Piazzi XI–101 - -	11 25 30·86	52·32	2	+2·905	−0·45
2080	3928	4·3	Bradley 1580 - -	11 25 37·92	52·35	2	+2·951	+0·08
2081		7	Taylor 5289 - - -	11 26 1·87	52·34	2	+2·805	−0·44
2082	3929	6	Piazzi XI–105 - -	11 26 19·58	52·39	3	+2·908	−0·35
2083	3934	6·7	Bradley 1584 - -	11 27 12				
2084	3935	5·4	Taylor 5300 - - -	11 27 40·25	52·34	2	+2·817	−0·43
2085	3936	6·5	Taylor 5302 - - -	11 27 59				
2086	3938	6·5	Taylor 5307 - - -	11 28 40				
2087	3939	6·7	Taylor 5308 - - -	11 28 45·22	52·38	2	+2·750	−0·20
2088		7	Taylor 5311 - - -	11 28 48·35	52·39	1	+2·748	−0·31
2089	3941	3·4	Centauri - - λ	11 28 53				
2090	3943	4	21 Crateris - - *θ*	11 29 4·56	52·17	2	+3·042	+0·03
2091	3944	7·8	Centauri - - -	11 29 7·49	52·40	2	+2·750	
2092	3945	6	Bradley 1587 - -	11 29 9				
2093	3948	7·6	Piazzi XI–120 - -	11 29 35·37	52·32	2	+2·960	−0·12
2094	3951	6·5	Taylor 5333 - - -	11 30 18·88	52·33	2	+2·886	−0·40
2095	3955	6·7	Piazzi XI–126 - -	11 30 44·30	52·18	2	+3·066	−0·18
2096	3956	5·6	24 Crateris - - *ι*	11 31 3·18	52·26	3	+3·034	+0·19
2097	3958	6	Taylor 5343 - - -	11 31 8·58	52·28	2	+2·768	+0·40
2098	3960	6·5	Cape 1840 Cat., No. 1464	11 32 34				
2099	3961	6·7	Taylor 5352 - - -	11 32 38·24	52·32	2	+2·883	−0·29
2100	3963	5·6	Bradley 1594 - -	11 32 46·56	52·33	2	+2·964	−0·27
2101		7	Centauri - - -	11 33 13·55	52·29	1	+2·783	−0·02
2102	3967	5·6	Taylor 5364 - - -	11 33 49				
2103	3969	6	Bradley 1597 - -	11 34 15				
2104	3972	6·7	Chamæleontis - π^2	11 35 40				
2105	3974	6	Taylor 5379 - - -	11 35 59·77	52·32	2	+2·968	−0·19
2106	3975	6·7	Piazzi XI–148 - -	11 36 15·45	52·31	2	+3·057	+0·12
2107	3976	5·6	Taylor 5384 - - -	11 36 23·61	52·32	3	+2·816	−0·18
2108	3977	6	Cape 1840 Cat., No. 1476	11 36 37·28	52·40	2	+2·403	+1·33
2109	3978	4	27 Crateris - - ζ	11 37 9·90	52·29	2	+3·029	−0·01
2110	3980	6	Taylor 5391 - - -	11 37 50				
2111	3982	4·5	3 Virginis - - *ν*	11 38 8·91	52·08	3	+3·087	
2112	3983	6	Piazzi XI–154 - -	11 38 19·61	52·30	2	+2·946	−0·23
2113	3984	5	Cape 1840 Cat., No 1485	11 38 33				
2114	3987	7·8	Taylor 5401 - - -	11 39 16·04	52·46	1	+2·867	−0·15
2115	3986	5	Taylor 5402 - - -	11 39 17·28	52·38	2	+2·859	−0·29

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2091. The magnitude is taken from an observation on 1852, May 24.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2071	90 4 18·12	50·39	1	+19·76							
2072	131 50 56·66	51·28	2	+19·77	− 1·52	4754	3595				6376
2073	147 18 58·60	51·21	2	+19·78	+ 0·71		3597				6378
2074	90 1 24·79	50·39	1	+19·78	− 0·03						6382
2075	161 38					4765	3602				6384
2076	92 10 35·24	51·42	1	+19·79	− 0·67				262		6394
2077	95 38 23·17	51·42	1	+19·81	+ 3·54						6408
2078	120 15 34·54	51·35	2	+19·83	− 0·45	4776	3638				6421
2079	129 36 38·48	50·31	2	+19·83	− 1·52	4778	3640				6420
2080	121 1 42·13	50·29	1	+19·83	− 1·06	4779	3641		263		6425
2081	143 29					4783	3647				6427
2082	129 45 34·11	51·32	2	+19·84	− 0·38	4785	3649				6428
2083	122 2 13·25	51·07	3	+19·85	− 1·07	4788	3652				6436
2084	143 26 8·98	51·35	2	+19·86	+ 0·55	4794	3657				6439
2085	136 32 35·11	50·35	1	+19·86	+ 0·75	4796	3660				6446
2086	136 48 37·33	51·00	3	+19·87	+ 1·48		3663				6448
2087	150 27 31·42	50·31	2	+19·87	− 0·35	4801	3665				6449
2088	150 44					4809	3666				6450
2089	152 11 25·79	51·42	1	+19·87	− 0·73	4804	3669	209	264		6452
2090	98 58 22·63	50·39	1	+19·87	+ 0·73				265		6454
2091	150 44						3672				
2092	122 44 20·84	51·57	3	+19·87	+ 1·42	4800	3670				6455
2093	122 9 17·64	50·89	2	+19·88	+ 2·93	4808	3676				6467
2094	136 55					4815	3684				6472
2095	91 36										6480
2096	102 22 34·94	50·57	1	+19·90	− 2·40						6487
2097	150 59 49·07	51·28	2	+19·90	− 0·86	4834	3689				6485
2098	154 34 0·45	50·84	2	+19·91	0·00	4843	3703				6505
2099	139 39 19·17	51·28	2	+19·91	− 0·71	4841	3702				6509
2100	123 54 49·81	51·27	2	+19·91	− 0·56	4839	3705				6510
2101	151 36					4844					6512
2102	151 15 32·13	50·19	1	+19·92	− 0·88	4856	3715				6523
2103	121 39 59·63	51·23	2	+19·93	+ 1·30	4857	3721				6529
2104	164 23 42·32	51·20	2	+19·94	+ 1·12	4866	3733				6543
2105	126 21 24·89	50·34	1	+19·95	+ 0·84	4863	3734				6544
2106	95 50 35·74	51·38	1	+19·95	+ 1·76						6548
2107	151 39 25·59	51·27	2	+19·95	+ 0·54	4868	3739				6549
2108	168 28 24·62	51·32	2	+19·95	+ 3·40	4874	3741				6550
2109	107 31 1·01	50·29	1	+19·96	+ 0·65				266		6555
2110	138 14 16·43	51·42	3	+19·96	− 1·24	4876	3748				6560
2111	82 37										
2112	134 51 26·86	50·33	2	+19·97	− 0·10	4878	3750				6565
2113	155 53 51·03	50·90	2	+19·97	− 2·21	4883	3756				6567
2114	149 23 25·93	50·26	2	+19·97	− 0·51		3764				6572
2115	150 20 41·86	50·25	1	+19·97	− 0·40	4885	3763				6573

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				h m s			s	s
2116	3988	6	Taylor 5404 - - -	11 39 22·80	51·20	2	+2·971	−3·75*
2117	3991	7	Muscæ - - -	11 40 33·89	52·30	1	+2·806	−0·36
2118	3993	5	Cape 1840 Cat., No. 1489	11 41 3				
2119	3994	6·5	Piazzi XI–151 - -	11 41 10·96	52·28	2	+3·017	−0·05
2120	3995	2	94 Leonis - - β	11 41 24·29	51·96	5	+3·101	−0·04
2121	3999	7	Taylor 5419 - - -	11 42 0				
2122	4000	5·4	Cape 1840 Cat., No. 1493	11 42 24				
2123	4001	5	Cape 1840 Cat., No. 1494	11 42 48				
2124	4002	3·4	5 Virginis - - β	11 42 53·04	51·93	4	+3·075	−0·02
2125	4003	6·7	Taylor 5425 - - -	11 43 3·03	52·38	2	+3·022	−0·11
2126	4004	6	Taylor 5426 - - -	11 43 8·56	52·34	2	+2·887	−0·20
2127	4006	6	Piazzi XI–167 - -	11 43 22·10	52·28	1	+3·063	+0·08
2128	4007	5	Piazzi XI–168 - -	11 43 39·87	52·32	3	+2·978	−0·38
2129	4008	7·6	Taylor 5430 - -	11 43 43·36	52·38	2	+2·982	−0·42
2130	4009	6	Taylor 5432 - - -	11 44 6				
2131	4011	5	Cape 1840 Cat., No. 1502	11 44 33·02	52·46	1	+2·883	+0·10
2132	4013	6·5	Taylor 5437 - - -	11 44 46·76	52·40	2	+2·938	−0·50
2133	4015	4·5	Bradley 1607 - -	11 45 20·53	52·34	2	+3·015	−0·12
2134	4016	5·6	Piazzi XI–175 - -	11 45 53·27	52·63	2	+3·015	−0·38
2135	4020	7	Piazzi XI–179 - -	11 46 11·79	52·23	3	+3·067	+0·06
2136	4022	6	Taylor 5442 - - -	11 46 43				
2137	4023	6·7	Taylor 5452 - - -	11 46 55·04	52·35	2	+3·013	−0·74*
2138	4024	6	Taylor 5454 - - -	11 47 4·97	52·39	2	+3·036	−0·07
2139	4025	7	Piazzi XI–182 - -	11 47 9·75	52·28	1	+3·070	
2140	4030	7	Piazzi XI–188 - -	11 47 46·31	52·44	2	+3·065	−0·14
2141	4032	6	Bradley 1614 - -	11 48 3·02	52·35	2	+3·034	−0·06
2142	4034	6	Taylor 5468 - - -	11 48 18·83	52·33	3	+3·016	+0·12
2143	4035	5·6	30 Crateris - - η	11 48 22·71	52·44	2	+3·051	−0·31
2144	4037	7·6	Taylor 5477 - - -	11 49 27·46	51·34	2	+3·032	−0·29
2145	4038	6·7	Taylor 5478 - - -	11 49 30				
2146	4040	6·5	Taylor 5490 - - -	11 50 41				
2147	4042	7·6	Taylor 5496 - - -	11 51 15·64	52·27	2	+3·047	+0·03
2148	4041	5·6	Rumker 262 - -	11 51 15				
2149	4044	6	Taylor 5498 - - -	11 51 35				
2150	4045	7·6	Taylor 5500 - - -	11 51 49				
2151	4046	7·6	Taylor 5502 - - -	11 51 53				
2152	4047	6·7	Taylor 5503 - - -	11 51 57				
2153	4048	5·6	Chamæleontis - ε	11 52 15				
2154	4052	4·5	8 Virginis - - π	11 53 11·22	51·64	4	+3·076	−0·12
2155	4053	5·6	31 Crateris - - -	11 53 11·31	52·29	2	+3·057	−0·06
2156	4054	7	Piazzi XI–213 - -	11 53 21·16	52·37	2	+3·070	
2157	4058	6·7	Cape 1840 Cat., No. 1533	11 55 0·13	51·45	2	+2·752	−0·74
2158	4060	6	Cape 1840 Cat., No. 1532	11 55 0·70	52·31	3	+2·997	−0·36
2159	4061	5	Crucis - - - θ¹	11 55 25				
2160	4062	6	Piazzi XI–220 - -	11 55 55				

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						Lacaille.	Brisbane.	Fallowe.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2116	129 40					4887	3766				6576
2117	156 51 31·50	50·86	2	+19·98	+ 0·12	4896	3775				6588
2118	155 58 49·73	50·82	2	+19·99	+ 0·87	4899	3778				6591
2119	115 54 56·28	50·35	1	+19·99	+ 1·15	4898	3779				6592
2120	74 35						3780	211		147	6593
2121	135 13 59·30	51·45	1	+19·99	+ 2·19		3785				6597
2122	152 57 16·88	50·36	1	+20·00	− 0·24	4903	3787				6601
2123	159 23 31·09	50·84	2	+20·00	− 0·42	4907	3792				6604
2124	87 23						3791	212		127	6605
2125	116 26 39·89	50·29	1	+20·00	− 0·30	4905	3793				6606
2126	151 48 55·69	50·24	1	+20·00	− 0·63	4908	3794				6607
2127	94 29 57·78	51·05	1	+20·00	− 0·45						6610
2128	134 20 21·81	51·29	2	+20·00	− 1·76	4910	3796				6614
2129	133 5 54·71	51·32	2	+20·00	− 0·34	4911	3799				6615
2130	119 59 19·03	51·42	1	+20·01	+ 7·18*	4913	3802				6617
2131	154 22 17·65	50·23	1	+20·01	− 0·76	4920	3804				6620
2132	146 9 16·79	51·21	2	+20·01	+ 0·04	4922	3807				6623
2133	123 4 25·11	51·28	2	+20·01	− 0·72	4923	3811	213	267		6626
2134	124 13 50·91	50·19	1	+20·02	+ 1·04	4926	3813				6628
2135	92 56 24·93	51·46	1	+20·02	+ 1·65						6630
2136	146 34 31·92	51·36	1	+20·02	+ 0·05	4931	3819				6634
2137	126 54 59·55	50·29	1	+20·02	− 1·42	4932	3820				6635
2138	114 52 57·19	50·29	1	+20·02	− 3·03	4933	3822				6638
2139	90 36										
2140	94 17 56·70	50·42	2	+20·03	+ 1·16						6645
2141	117 38 27·54	51·28	2	+20·03	+ 1·05	4940	3832				6647
2142	128 51 14·27	50·37	1	+20·03	+ 0·32	4941	3834				6648
2143	106 18 56·71	50·29	1	+20·03	+ 1·21						6649
2144	122 28					4945	3839				6654
2145	141 15 52·55	51·14	3	+20·03	+ 0·82	4944	3840				6655
2146	145 28 55·39	51·77	2	+20·04	+ 0·95	4959	3849				6667
2147	115 4 22·07	50·34	1	+20·04	+ 0·85	4961	3853				6674
2148	153 30 15·57	50·22	1	+20·04	+ 0·64	4963	3854				6673
2149	140 51 41·44	50·84	2	+20·04	− 0·29	4966	3856				6676
2150	146 19 57·08	51·01	3	+20·04	− 0·11	4969	3859				6678
2151	124 28 23·95	51·45	1	+20·04	+ 0·10		3860				6681
2152	135 47 51·48	50·27	1	+20·04	− 0·03	4971	3862				6682
2153	167 23 10·13	50·95	3	+20·04	+ 0·72	4974	3865		268		6684
2154	82 32										6692
2155	108 49 25·71	50·36	1	+20·05	+ 0·81						6691
2156	90 55										
2157	174 47 47·85	50·42	2	+20·05	− 0·44	4991	3884				6703
2158	158 21 23·07	51·28	2	+20·05	+ 0·93	4985	3886				6706
2159	152 28 39·17	52·17	1	+20·05	+ 0·51	4990	3892				6711
2160	131 35 39·11	50·36	1	+20·05	+ 2·38	4992	3894				6713

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2161	4063	7	Piazzi XI–221 - -	11 55 54·98	52·27	2	+3·069	
2162	4067	5	Crucis - - - θ^2	11 56 37				
2163	4068	5	Cape 1840 Cat., No. 1538	11 56 57				
2164	4071	5	Chamæleontis - κ	11 57 5·52	52·34	2	+3·005	−0·55
2165	4072	4	9 Virginis - - o	11 57 34·01	52·41	2	+3·073	−0·17
2166	4073	7	Crucis - - - -	11 57 40				
2167	4076	6·7	Taylor 5546 - - -	11 58 7·21	52·33	2	+3·057	−0·02
2168	4075	6·7	Muscæ - - - -	11 58 9				
2169	4077	7	Piazzi XI–230 - -	11 58 19·11	52·27	2	+3·070	
2170	4078	4·5	Crucis - - - η	11 59 5				
2171	4080	7	Piazzi XI–237 - -	11 59 33·75	52·25	1	+3·070	
2172	4082	6	Chamæleontis - λ	11 59 59·83	52·34	2	+3·071	−0·54
2173	4084	7·6	Taylor 5562 - - -	12 0 20·19	52·36	2	+3·073	−0·40
2174	4085	5	Taylor 5563 - - -	12 0 20				
2175	4086	5·6	Taylor 5564 - - -	12 0 30·02	52·40	2	+3·074	−0·36
2176	4087	3	Centauri - - δ	12 0 36·56	52·30	2	+3·075	−0·30
2177	4088	7	Piazzi XI–240 - -	12 0 36·70	52·37	2	+3·073	−0·34
2178	4089	6	Taylor 5567 - - -	12 0 36·95	52·40	2	+3·077	−0·06
2179	4090	4·5	1 Corvi - - - α	12 0 41·11	52·32	2	+3·072	−0·02
2180	4091	6·7	Piazzi XI–243 - -	12 1 9				
2181	4092	6·7	Taylor 5571 - - -	12 1 9				
2182	4093	6·7	Taylor 5574 - - -	12 1 59				
2183	4095	6·7	Piazzi XI–247 - -	12 2 18·58	52·33	2	+3·080	−0·30
2184	4097	3	2 Corvi - - - ϵ	12 2 24·91	52·27	1	+3·077	+0·05
2185	4098	6·7	Taylor 5580 - - -	12 2 47				
2186	4101	6·5	3 Corvi - - - -	12 3 20				
2187	4102	6·7	Taylor 5588 - - -	12 3 39·57	52·36	2	+3·091	+0·10
2188	4103	4	Centauri - - ρ	12 3 50·44	52·37	2	+3·099	−0·56
2189	4105	6·7	Crucis - - - -	12 4 5				
2190	4109	6·7	Rumker 275 - - -	12 4 16·15	52·39	1	+3·119	−0·02
2191	4113	6	Taylor 5601 - - -	12 5 37·98	52·33	2	+3·096	−0·45
2192	4115	6·5	Piazzi XII–15 - -	12 6 13·49	52·33	2	+3·107	−0·32
2193	4117	7·6	Rumker 277 - - -	12 6 16				
2194	4118	7·6	Rumker 279 - - -	12 6 24				
2195	4119	7	Piazzi XII–17 - -	12 6 34·46	52·26	3	+3·074	
2196	4124	4	4 Corvi - - - γ	12 8 5·80	52·36	2	+3·085	+0·11
2197	4129	5	Muscæ - - - ϵ	12 9 30·84	52·39	2	+3·203	−1·07
2198	4132	7·6	Taylor 5634 - - -	12 10 14·70	52·31	3	+3·146	−0·34
2199	4133	5	Crucis - - - ζ	12 10 21·03	52·35	2	+3·190	−0·31
2200	4134	7	Piazzi XII–32 - -	12 10 27·49	52·26	2	+3·074	
2201	4135	7	Piazzi XII–33 - -	12 10 28·00	52·26	2	+3·074	
2202	4136	7	Piazzi XII–35 - -	12 10 49·53	52·39	3	+3·080	
2203	4138	5·6	Taylor 5643 - - -	12 11 1·71	52·32	2	+3·160	−0·50
2204	4140	6·7	14 Virginis - - -	12 11 37·23	52·40	2	+3·080	
2205	4145	3·4	15 Virginis - - η	12 12 13·99	51·73	6	+3·070	+0·02

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2161	94 38 36·75	50·38	1	+20·05							
2162	152 19 49·32	50·86	2	+20·05	+ 0·86	4999	3901				6722
2163	157 29 35·27	50·88	2	+20·05	+ 0·77	5000	3902				6725
2164	165 41 7·99	50·87	2	+20·05	+ 0·01	5004	3907				6727
2165	80 26										6736
2166	152 8 26·33	50·86	2	+20·05	− 0·13	5009	3912				6739
2167	143 25 23·39	50·27	1	+20·06	+ 0·82	5014	3916				6744
2168	154 42 40·78	50·80	2	+20·06	+ 0·72	5012	3915				6742
2169	92 17 43·26	51·46	1	+20·06							
2170	153 46 37·31	50·83	2	+20·06	+ 0·07	5023	3923		269		6754
2171	95 55 52·72	50·41	1	+20·06							
2172	164 31 57·57	50·91	2	+20·06	+ 0·11	5028	3927				6760
2173	139 55 39·98	51·52	3	+20·06	+ 1·50	5030	3928				6761
2174	139 49 33·85	50·26	1	+20·06	− 1·72	5029	3930	216			6762
2175	137 51 24·06	50·34	1	+20·06	+ 1·40	5031	3932				6764
2176	139 53 12·41	51·20	4	+20·06	− 0·37	5033	3934	217	270	48	6766
2177	123 50 22·80	51·27	2	+20·06	+ 0·78	5034	3935				6765
2178	150 0 42·27	50·27	2	+20·06	+ 0·86	5032	3933				6767
2179	113 53 30·68	50·42	1	+20·06	− 0·40	5035			271		6768
2180	133 29 19·33	51·29	2	+20·06	+ 2·55	5036	3938				6770
2181	130 23 46·91	50·36	1	+20·06	− 1·18	5037	3939				6771
2182	140 56 55·47	50·86	2	+20·05	+ 0·56		3942				6775
2183	123 52 8·64	51·35	2	+20·05	+ 0·30	5043	3943				6777
2184	111 47 6·92	50·38	1	+20·05	− 0·18				272		6778
2185	127 2 3·43	50·37	1	+20·05	− 0·14	5045	3945				6781
2186	112 45 59·60	50·29	1	+20·05	+ 0·71						6789
2187	133 26 46·07	50·36	2	+20·05	+ 2·23		3951				6790
2188	141 31 59·66	50·26	1	+20·05	− 1·01	5055	3953		273		6793
2189	153 40 30·61	50·86	2	+20·05	+ 0·94	5056	3954				6795
2190	152 37 6·68	50·84	2	+20·05	+ 1·51						6797
2191	128 5 39·01	51·58	3	+20·05	− 0·28	5065	3963				6808
2192	134 53 21·91	51·24	2	+20·05	+ 0·30	5069	3967				6813
2193	155 42 49·71	50·88	3	+20·05	+ 1·21		3968				6815
2194	155 41 23·77	50·88	3	+20·05	+ 1·18	5072	3972				6819
2195	94 53 11·86	51·06	1	+20·05							
2196	106 42 31·45	50·29	1	+20·04	+ 0·18			219	275	99	6828
2197	157 7 31·91	50·82	2	+20·04	+ 2·54	5084	3985				6834
2198	141 28 21·02	51·28	2	+20·04	− 0·48	5089	3992				6840
2199	153 10 7·37	51·32	2	+20·04	+ 0·70	5090	3994				6841
2200	93 7 16·43	50·38	1	+20·03							
2201	93 6 56·90	50·38	1	+20·03							
2202	98 4 3·00	50·42	1	+20·03							
2203	144 18 30·83	51·28	2	+20·03	+ 2·26	5092	3995				6843
2204	98 4 46·56	50·42	1	+20·03							
2205	89 49										6852

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				h m s			s	s
2206	4146	6	Muscæ - - - -	12 12 17·16	52·36	2	+3·224	−0·37
2207	4149	6	Bradley 1649 - -	12 12 25·19	52·42	1	+3·099	−0·26
2208	4151	5	16 Virginis - - c	12 12 43·97	52·33	3	+3·065	
2209	4154	7	5 Corvi - - - ζ	12 12 47·66	52·44	1	+3·100	+0·13
2210	4155	7	Taylor 5661 - - -	12 12 58·38	52·35	2	+3·151	−0·35
2211	4157	6	Piazzi XII–54 - -	12 13 11				
2212	4158	4	Crucis - - - ϵ	12 13 17				
2213	4160	6·7	Taylor 5669 - - -	12 13 48·13	52·36	2	+3·164	−0·29
2214	4162	6	Muscæ - - - ζ^2	12 13 50·12	52·39	1	+3·258	−0·23
2215	4161	6	Muscæ - - - ζ^1	12 13 52				
2216	4164	6	Cape 1840 Cat., No. 1595	12 14 5·90	52·36	1	+4·076	−0·06
2217	4167	6·5	Taylor 5671 - - -	12 14 43·80	52·30	1	+3·202	−0·24
2218	4170	6	Muscæ - - -	12 15 12·29	52·35	2	+3·278	−3·15*
2219	4171	7	Piazzi XII–63 - -	12 15 26·61	52·25	1	+3·081	
2220	4172	7	Piazzi XII–65 - -	12 15 32·76	52·26	1	+3·077	
2221	4173	6	6 Corvi - - - -	12 15 33·15	52·37	2	+3·111	−0·02
2222	4174	6	Centauri - - κ^1	12 15 43·06	52·33	2	+3·134	−0·22
2223	4175	6·7	Taylor 5684 - - -	12 15 50				
2224	4176	6·7	Taylor 5686 - - -	12 16 21·90	52·43	2	+3·171	−0·21
2225		7	Muscæ - - -	12 16 25·33	52·35	1	+3·295	+0·60
2226	4179	7	Piazzi XII–69 - -	12 16 37·65	52·35	2	+3·087	
2227	4182	6·7	Taylor 5695 - - -	12 17 12·84	52·33	3	+3·160	−0·49
2228	4183	6	Centauri - - κ^2	12 17 28·48	52·40	2	+3·141	−0·32
2229	4187	2·3	Crucis - - - α^1	12 18 17·87	51·96	9	+3·274	−0·14
2230	4187	3·2	Crucis - - - α^2	12 18 18·55	51·96	9	+3·274	−0·19
2231	4189	5	Taylor 5702 - - -	12 18 27·23	52·33	2	+3·202	−0·38
2232	4192	6	Piazzi XII–80 - -	12 18 58				
2233	4197	4	Centauri - - σ	12 19 57·29	52·33	2	+3·207	−0·33
2234	4198	6	Piazzi XII–87 - -	12 20 2·51	52·31	2	+3·104	
2235	4200	6·7	Piazzi XII–91 - -	12 20 9·91	52·40	2	+3·078	
2236	4201	6·7	Taylor 5724 - - -	12 20 13·79	52·42	1	+3·087	
2237	4202	6	Piazzi XII–92 - -	12 20 24·96	52·33	2	+3·165	−0·26
2238	4208	7	Piazzi XII–98 - -	12 21 28				
2239	4210	6	Taylor 5739 - - -	12 21 57·11	52·35	2	+3·182	−0·14
2240	4211	2·3	7 Corvi - - - δ^2	12 22 6·51	52·38	2	+3·107	−0·18
2241	4213	6·7	Piazzi XII–104 - -	12 22 21·17	52·40	2	+3·100	
2242	4214	6	Piazzi XII–105 - -	12 22 26·94	52·33	2	+3·126	
2243	4220	7	Piazzi XII–108 - -	12 23 8·22	51·48	1	+3·078	
2244	4221	5·6	Taylor 5754 - - -	12 23 19				
2245	4224	5·4	Muscæ - - γ	12 23 34				
2246	4226	4·5	8 Corvi - - - η	12 24 20·54	52·30	1	+3·110	
2247	4227	7	Taylor 5770 - - -	12 25 25·73	52·44	1	+3·198	+0·12
2248	4230	6	21 Virginis - - q	12 26 2·49	51·48	1	+3·094	+0·12
2249	4234	2·3	9 Corvi - - - β	12 26 31·03	51·87	23	+3·135	+0·05
2250	4236	6	Taylor 5781 - - -	12 26 36·64	52·34	2	+3·219	−0·45

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2206	155 0 31·96	50·32	2	+20·03	+ 0·67	5100	4004				6854
2207	111 20 30·32	50·36	2	+20·03	− 0·66						6855
2208	85 51										
2209	111 22 54·80	50·36	2	+20·02	+ 1·32						6859
2210	136 37 18·32	51·24	2	+20·02	+ 0·48	5106	4009				6861
2211	102 43 59·83	51·35	1	+20·02							
2212	149 34 19·27	51·83	2	+20·02	− 3·22	5110	4014		277		6865
2213	139 6 57·88	50·94	2	+20·02	+ 0·50	5114	4016				6866
2214	156 41					5112	4017				6869
2215	157 28 19·59	51·36	1	+20·02	+ 2·33	5113	4019				6871
2216	175 19					5107	4018				6874
2217	146 50 35·43	50·42	1	+20·01	+ 0·04	5120	4023				6876
2218	156 48 33·50	50·70	3	+20·01	− 3·59	5123	4027				6881
2219	96 28 0·31	51·37	1	+20·01							
2220	94 8 26·35	51·43	1	+20·01							
2221	114 0 27·72	51·36	1	+20·01	+ 0·03	5127					6885
2222	124 34 49·14	50·41	1	+20·01	− 0·26	5129	4035				6887
2223	128 4 43·23	50·41	2	+20·01	− 0·33	5130	4036				6889
2224	136 32 25·03	51·22	2	+20·00	+ 2·09	5135	4039				6892
2225	156 48					5133					6894
2226	99 38 42·39	51·43	1	+20·00							
2227	131 40 53·86	51·32	2	+20·00	− 0·09	5141	4045				6901
2228	124 21 17·04	50·34	1	+20·00	− 1·04	5142	4046				6904
2229	152 16					5148	4050	223	279	26	6908
2230	152 16						4051			27	6909
2231	140 37 6·88	50·35	1	+19·99	+ 1·27	5150	4052				6910
2232	121 59 52·04	50·36	1	+19·99	+ 1·15	5154	4056				6915
2233	139 23 56·89	51·36	2	+19·98	+ 0·84	5162	4062		280		6922
2234	105 48 3·75	50·41	1	+19·98							
2235	93 47 2·55	51·42	1	+19·98							
2236	97 50 43·80	51·37	1	+19·98			4066				
2237	128 12 37·04	50·36	1	+19·98	− 1·37	5164	4068				6927
2238	91 35 56·87	51·45	1	+19·97							
2239	130 54 18·72	51·34	2	+19·96	− 0·31	5173	4077				6938
2240	105 40 47·56	50·42	1	+19·96	− 0·79			224	281	101	6943
2241	102 33 40·83	50·43	1	+19·96							
2242	112 52 0·01	50·35	1	+19·96							
2243	93 13 52·55	51·37	1	+19·95							
2244	148 35 39·64	50·28	1	+19·95	+ 0·53	5185	4083				6954
2245	161 18 13·14	50·92	2	+19·95	− 0·01	5184	4085		283		6958
2246	105 21 52·68	51·35	1	+19·94					284		
2247	130 35 4·81	50·78	2	+19·93	+ 1·51	5200	4099				6974
2248	98 37 25·81	51·36	1	+19·93	+ 0·24		4103				6978
2249	112 33							227	285	91	6982
2250	133 50 12·16	51·28	2	+19·92	+ 4·69	5207	4105				6983

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				h m s			s	s
2251	4237	7	Piazzi XII–125 - -	12 26 42				
2252	4243	5·6	Piazzi XII–131 - -	12 27 42				
2253		7	Octantis - - -	12 27 44·67	52·46	18	+12·099	+0·27
2254	4245	3	Muscæ - - - α	12 28 17·54	52·44	1	+ 3·485	+0·14
2255	4247	6	25 Virginis - - f	12 29 4·07	52·08	3	+ 3·085	
2256	4251	4	Centauri - - τ	12 29 31·40	52·33	2	+ 3·260	−0·57*
2257	4252	7	Taylor 5806 - - -	12 29 44·04	52·31	2	+ 3·319	−0·20
2258	4253	5	Piazzi XII–140 - -	12 29 45				
2259	4255	6·7	Piazzi XII–143 - -	12 31 0·88	52·42	2	+ 3·082	
2260	4256	6	Taylor 5815 - - -	12 31 5·24	52·32	2	+ 3·173	−0·06
2261	4257	5	26 Virginis - - χ	12 31 30·49	52·34	2	+ 3·094	
2262	4259	6	Piazzi XII–147 - -	12 31 38·25	52·39	2	+ 3·094	
2263	4262	5	Piazzi XII–149 - -	12 31 46·46	52·42	2	+ 3·221	−0·20
2264	4261	7	Piazzi XII–152 - -	12 31 46·57	52·38	2	+ 3·088	
2265	4263	6	Piazzi XII–153 - -	12 33 9·92	51·89	2	+ 3·266	−0·40
2266	4264	2·3	Centauri - - γ	12 33 16·09	52·34	2	+ 3·286	−0·58
2267	4266	6·7	Taylor 5830 - - -	12 33 39				
2268	4268	3·2	29 Virginis - - γ	12 34 3·68	51·62	9	+ 3·073	−0·13
2269	4268	4	29 Virginis - - γ	12 34 3·73	52·26	1	+ 3·073	−0·20
2270	4270	7·6	Taylor 5837 - - -	12 34 12·63	52·36	2	+ 3·341	−0·34
2271	4269	6	28 Virginis - - -	12 34 12·68	51·52	2	+ 3·094	
2272	4272	5	Taylor 5839 - - -	12 34 18·76	52·37	2	+ 3·292	−0·51
2273	4273	6·7	Taylor 5840 - - -	12 34 20·64	52·38	2	+ 3·357	−0·15
2274	4275	6	Taylor 5843 - - -	12 34 39·14	52·34	2	+ 3·362	−0·13
2275	4277	6	B. F. 1762 - - -	12 35 55·95	51·98	2	+ 3·073	
2276	4278	6·7	Piazzi XII–168 - -	12 36 1·48	52·28	1	+ 3·180	−0·04
2277	4279	5	Crucis - - - ι	12 36 51				
2278	4280	3·4	Muscæ - - - β	12 37 8·49	52·07	3	+ 3·586	−0·28
2279	4283	6	Taylor 5863 - - -	12 37 34·69	52·41	2	+ 3·369	−0·37
2280	4284	4·5	Taylor 5864 - - -	12 37 48·05	52·35	2	+ 3·392	−0·16
2281	4290	5	Octantis - - ι	12 39 46·05	52·40	1	+ 5·387	−0·73
2282	4294	6·7	Piazzi XII–183 - -	12 39 48·59	51·52	2	+ 3·093	
2283		8	O. A. 12428 - - -	12 39 55·26	52·40	2	+ 3·189	
2284	4295	6·5	Cape 1840 Cat., No. 1654	12 40 6·66	52·36	2	+ 3·754	−0·22
2285	4297	6	Taylor 5884 - - -	12 40 27·07	52·36	2	+ 3·189	−0·21
2286	4306	7	Piazzi XII–193 - -	12 42 21·47	51·89	2	+ 3·100	
2287	4307	6	Taylor 5899 - - -	12 42 24·90	52·34	2	+ 3·385	−0·32
2288	4308	6	Taylor 5900 - - -	12 42 27·12	52·40	2	+ 3·489	−0·32
2289	4309	6	Piazzi XII–194 - -	12 42 33·59	52·15	3	+ 3·232	+0·03
2290	4312	6·7	Piazzi XII–196 - -	12 43 34·94	51·52	2	+ 3·113	
2291	4313	6·7	Taylor 5906 - - -	12 43 42·48	52·29	2	+ 3·275	−0·20
2292	4316	6·7	Taylor 5912 - - -	12 44 25·55	52·41	2	+ 3·427	−0·31
2293	4317	5·4	Taylor 5918 - - -	12 44 39·36	52·37	2	+ 3·360	−0·58
2294	4321	4·5	Piazzi XII–205 - -	12 45 8·89	52·34	2	+ 3·285	0·00
2295	4322	7	Piazzi XII–207 - -	12 45 17·64	52·38	2	+ 3·137	

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2251	90 34 47·65	51·37	1	+19·92							
2252	130 11 39·65	51·28	2	+19·91	+ 0·87	5211	4110				6987
2253	178 58					5235	4091				7017
2254	158 18 29·50	50·85	2	+19·90	− 0·36	5213	4113		286		6992
2255	95 0 15·87	51·36	1	+19·89							
2256	137 42 50·70	51·22	2	+19·89	+ 2·01	5222	4120		287		6998
2257	145 6 15·70	50·86	2	+19·89	+ 1·00	5223	4122				7001
2258	116 18 32·05	50·37	1	+19·89	+ 2·68	5225	4123				7000
2259	93 32 52·43	51·37	1	+19·87							
2260	119 35 46·12	50·36	1	+19·87	+ 0·59	5229	4133				7006
2261	97 10 9·36	50·41	2	+19·87							
2262	97 12 15·73	50·42	1	+19·86							
2263	129 9 38·64	51·33	2	+19·86	+ 2·12	5231	4135				7010
2264	95 16 30·88	50·43	1	+19·86							
2265	135 19 24·45	50·35	1	+19·85	− 1·50	5242	4146				7019
2266	138 8 6·38	51·28	2	+19·84	+ 0·01	5243	4147	229	288	51	7022
2267	143 56 14·48	50·24	1	+19·84	+ 0·70	5246	4153				7025
2268	90 37						4159	230	289		7027
2269	90 37						4159	230	289		7028
2270	143 42 53·43	51·26	2	+19·83	+ 0·94	5248	4158				7031
2271	96 40 29·38	51·36	1	+19·83							
2272	137 59 16·60	50·27	1	+19·83	+ 1·34	5250	4161				7032
2273	145 7 21·60	50·90	2	+19·83	+ 0·94	5249	4160				7033
2274	145 21 7·99	50·27	1	+19·83	+ 0·70	5251	4163				7035
2275	90 45 3·63	51·41	1	+19·81							
2276	117 29 58·95	50·29	1	+19·81	+ 1·44	5263	4172				7043
2277	150 9 24·14	51·27	2	+19·80	+ 0·86	5265	4178				7049
2278	157 17 9·98	50·87	2	+19·79	− 0·38	5267	4179		290		7053
2279	143 47 25·48	51·24	2	+19·79	+ 1·87	5272	4180				7054
2280	145 39 59·42	51·24	2	+19·78	+ 1·21	5273	4182				7055
2281	174 18 23·42	50·89	2	+19·75	− 0·10	5268	4187				7073
2282	95 28 46·77	50·38	1	+19·75							
2283	116 44										
2284	161 10 0·04	50·90	2	+19·75	− 0·19	5279	4195				7071
2285	116 46 30·49	50·34	1	+19·74	+ 1·28	5285	4198				7072
2286	96 48 50·05	51·16	1	+19·71							
2287	141 58 6·96	51·31	2	+19·71	+ 1·00	5294	4210				7083
2288	149 30 43·03	51·30	3	+19·71	+ 0·66	5293	4209				7085
2289	123 10 52·67	50·29	1	+19·71	− 3·50	5296	4212				7084
2290	99 31 8·68	51·16	1	+19·69							
2291	128 51 44·23	51·28	2	+19·69	+ 0·22	5300	4217				7088
2292	144 8 9·24	51·32	2	+19·68	+ 1·46	5305	4222				7097
2293	138 7 32·94	50·36	1	+19·68	+ 0·92	5308	4225				7101
2294	129 21 42·93	50·43	1	+19·67	− 0·75	5312	4232		292		7105
2295	104 9 2·91	50·43	1	+19·67							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2296	4323	6	38 Virginis - - -	12 45 30·34	51·96	2	+3·083	
2297	4324	5·6	Crucis - - λ	12 45 46				
2298	4325	6·5	Taylor 5932 - - -	12 45 48·83	51·46	1	+3·470	−0·12
2299	4326	7	39 Virginis - - -	12 45 49·35	52·45	1	+3·109	
2300	4327	6·7	Taylor 5933 - - -	12 45 49				
2301	4330	5	40 Virginis - - ψ	12 46 33·60	51·52	1	+3·112	
2302	4331	6	Taylor 5939 - - -	12 46 38·56	52·31	3	+3·326	−0·54*
2303	4332	6	Piazzi XII–218 - -	12 46 58·43	52·34	2	+3·317	−0·33
2304	4333	6·5	Taylor 5944 - - -	12 47 9·13	52·37	2	+3·476	−0·04
2305	4337	7	Piazzi XII–219 - -	12 47 39·59	51·90	2	+3·088	
2306	4338	7·6	Rumker 306 - - -	12 47 55				
2307	4340	3	43 Virginis - - δ	12 48 2·92	51·78	7	+3·050	−0·09
2308	4343	7	Taylor 5955 - - -	12 48 26·77	52·37	2	+3·205	+0·05
2309	4344	5·6	Taylor 5954 - - -	12 48 27				
2310	4349	7·8	Muscæ - - -	12 49 42·23	52·32	2	+3·862	+0·02
2311	4352	6	44 Virginis - - *h*	12 51 55·99	51·50	3	+3·086	
2312	4353	4	Muscæ - - δ	12 52 2				
2313	4354	6·7	Rumker 309 - - -	12 52 10·75	52·33	2	+3·834	+0·14
2314	4355	6	Piazzi XII–238 -	12 52 20·69	52·30	2	+3·265	−0·07
2315	4357	7	Piazzi XII–239 - -	12 52 50·03	52·24	2	+3·268	0·00
2316	4358	6·7	46 Virginis - - -	12 52 52·71	52·31	2	+3·084	
2317	4359	6	Cape 1840 Cat., No. 1685	12 52 58·46	52·33	2	+3·944	−0·37
2318	4361	7	Taylor 5988 - - -	12 53 38				
2319		7	Taylor 5996 - - -	12 54 46·97	52·39	1	+3·281	−0·09
2320	4368	5	Centauri - - ξ^1	12 54 54·08	52·34	3	+3·432	−0·31
2321	4369	7	Piazzi XII–251 - -	12 55 30·65	52·40	2	+3·283	−0·24
2322	4370	7·6	Cape 1840 Cat., No. 1690	12 55 35				
2323	4372	7	Rumker 314 - -	12 56 0				
2324	4373	6	48 Virginis - - -	12 56 10·85	52·32	2	+3·087	+0·11
2325	4374	6	Taylor 6006 - - -	12 56 22·46	52·04	3	+3·348	−0·22
2326	4377	5	Taylor 6013 - - -	12 57 36·61	52·06	3	+3·436	−0·19
2327	4378	6	Taylor 6016 - - -	12 58 6				
2328	4379	4·5	Centauri - - ξ^2	12 58 10·94	52·32	2	+3·458	−0·20
2329	4380	6	Taylor 6017 - - -	12 58 11·89	52·36	2	+3·631	−0·29
2330	4381	5·6	Muscæ - - θ	12 58 29				
2331	4382	6·7	Piazzi XII–262 - -	12 58 32·43	52·32	2	+3·156	
2332	4383	6	Taylor 6022 - - -	12 58 34·44	52·42	2	+3·308	−0·19
2333	4385	5·6	Taylor 6026 - - -	12 58 45·49	52·33	2	+3·515	−0·37
2334	4386	7	Taylor 6028 - - -	12 58 59				
2335	4391	5	49 Virginis - - *g*	13 0 2·68	52·31	2	+3·131	
2336	4394	5·6	Virginis - - -	13 0 43·58	52·11	3	+3·121	
2337	4395	6·5	45 Hydræ - - ψ	13 0 59·09	52·34	2	+3·216	+0·06
2338	4396	6	Taylor 6044 - - -	13 1 45·34	52·32	2	+3·171	
2339	4397	6	50 Virginis - - -	13 1 54·52	52·41	2	+3·131	
2340	4400	6	Taylor 6048 - - -	13 2 4·55	52·29	1	+3·525	−0·61

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2296	92 44 13·24	51·45	1	+19·66							
2297	148 19 50·33	50·94	2	+19·66	+ 0·29	5316	4236				7111
2298	146 21 43·70	50·84	2	+19·66	+ 1·00	5317	4237		293		7112
2299	98 14 46·70	51·38	1	+19·66							
2300	146 21 10·87	50·84	2	+19·66	− 0·61		4238				7113
2301	98 43 22·20	50·38	1	+19·64							
2302	133 19 39·21	51·26	2	+19·64	+ 7·17*	5319	4240				7115
2303	132 6 3·17	50·36	1	+19·64	− 0·95	5322	4242				7118
2304	146 1 16·26	51·24	2	+19·63	+ 1·02	5321	4244				7119
2305	93 41 31·99	51·16	1	+19·62							
2306	157 8 46·29	51·65	2	+19·62	+ 1·48	5323	4247				7124
2307	85 47										7123
2308	115 38 45·55	51·29	2	+19·61	+ 0·03	5332	4255				7128
2309	140 23 4·05	50·85	2	+19·61	+ 1·87	5331	4254				7130
2310	160 1 18·90	50·99	3	+19·58	+ 2·22	5335					7139
2311	93 0 5·61	50·38	1	+19·54							
2312	160 44 15·69	51·26	3	+19·54	+ 2·21	5349	4280		294		7160
2313	158 25 9·50	50·90	2	+19·54	+ 1·57						7162
2314	122 41 31·25	51·61	3	+19·53	+ 1·19	5357	4285				7158
2315	122 48 47·61	51·32	2	+19·52	+ 0·39	5360					7166
2316	92 33 38·51	50·42	1	+19·52							
2317	160 40 0·23	50·80	2	+19·52	− 0·88	5356	4286				7169
2318	149 56 2·54	50·21	1	+19·51	− 0·04		4291				7175
2319	123 29					5371					7179
2320	138 43 7·88	51·28	2	+19·48	+ 2·30	5370	4299				7181
2321	123 26 35·05	50·29	1	+19·47	− 0·84	5376	4302				7185
2322	153 38 3·08	50·84	2	+19·47	+ 0·05	5372	4301				7186
2323	149 38 0·98	51·04	3	+19·46	+ 0·05		4305				7190
2324	92 51 17·08	51·38	1	+19·46	+ 0·87						7188
2325	130 23 21·47	50·27	1	+19·45	− 0·29	5380	4310				7193
2326	137 39 25·95	51·27	2	+19·43	+ 1·63	5390	4316				7200
2327	130 46 58·06	50·35	1	+19·41	+ 1·32	5397	4320				7206
2328	139 6 3·22	51·24	2	+19·41	+ 2·31	5396	4321		295		7207
2329	149 3 20·78	51·28	2	+19·41	+ 0·13	5392	4319				7208
2330	154 30 8·10	51·42	1	+19·41	− 0·12	5394	4323				7213
2331	104 6 42·78	50·29	2	+19·40							
2332	125 3 15·14	51·32	2	+19·40	+ 2·00	5400	4324				7210
2333	142 39 16·62	51·22	2	+19·40	+ 1·79	5398	4325				7214
2334	145 34 49·91	50·83	2	+19·39	+ 1·98	5402	4329				7217
2335	99 56 12·74	50·38	1	+19·37			4334				
2336	98 10 44·88	50·43	1	+19·36							
2337	112 18 50·70	52·18	1	+19·35	+ 1·40			234	296		7224
2338	105 42 50·35	50·42	1	+19·33			4343				
2339	99 31 39·76	51·38	1	+19·33							
2340	141 45 56·26	50·80	2	+19·32	+ 0·96	5413	4346				7229

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				h m s			s	s
2341	4401	4·5	51 Virginis - - θ	13 2 11·25	51·97	9	+3·101	+0·01
2342	4402	6	Rumker 322 - - -	13 2 19·40	52·38	2	+3·761	−0·26
2343	4404	7·6	Taylor 6052 - - -	13 2 27				
2344	4405	6	Taylor 6054 - - -	13 2 37·48	52·31	3	+3·389	−0·31
2345	4409	6	Piazzi XIII–1 - -	13 2 49·95	52·33	2	+3·404	−0·42
2346	4411	6	Cape 1840 Cat., No. 1711	13 2 57				
2347	4412	6·5	Taylor 6057 - - -	13 2 58·27	52·34	2	+3·677	+0·04
2348	4413	7	Piazzi XIII–3 - -	13 2 59·74	51·99	2	+3·130	
2349	4417	5	Piazzi XIII–7 - -	13 3 42·38	52·44	2	+3·348	−1·07*
2350	4418	5	53 Virginis - - -	13 4 5·00	52·31	2	+3·172	
2351	4422	5·4	Taylor 6077 - - -	13 5 0·49	52·35	2	+3·677	−0·92*
2352	4424	7·6	Rumker 328 - - -	13 5 4				
2353	4426	5·4	Museæ - - - η	13 5 9				
2354	4427	6·7	Taylor 6083 - - -	13 5 23·48	52·33	2	+3·414	−0·53*
2355	4428	6·7	54 Virginis - - -	13 5 26·31	52·42	4	+3·193	
2356	4428	6·7	54 Virginis - - -	13 5 26·65	52·42	4	+3·193	
2357	4429	6	Taylor 6086 - - -	13 5 55·67	52·33	2	+3·494	−0·51
2358	4430	6	55 Virginis - - -	13 6 9·69	52·31	2	+3·203	
2359	4432	7	56 Virginis - - -	13 6 53·62	51·89	2	+3·136	
2360	4434	5	Cape 1840 Cat., No. 1727	13 7 10				
2361	4435	5·6	57 Virginis - - -	13 7 52·66	52·29	2	+3·206	
2362	4437	6	Piazzi XIII–31 - -	13 8 34·05	52·35	2	+3·305	+0·07
2363	4439	7·6	Taylor 6105 - - -	13 9 0·35	52·31	2	+3·670	−0·17
2364	4441	6	Taylor 6116 - - -	13 9 34·11	52·32	2	+3·176	
2365	4443	6·7	Taylor 6113 - - -	13 9 35				
2366	4442	6	58 Virginis - - -	13 9 36·01	52·39	1	+3·139	
2367	4445	7·8	B. F. 1829 - - -	13 9 53				
2368	4450	4	46 Hydræ - - - γ	13 10 46·57	52·33	2	+3·238	
2369	4454	6·5	Taylor 6131 - - -	13 11 32·86	52·32	2	+3·595	−0·39
2370	4455	7	Piazzi XIII–52 - -	13 11 50·54	52·02	3	+3·150	
2371	4458	3·4	Centauri - - ι	13 12 10·84	52·38	2	+3·371	−0·82*
2372	4459	7	62 Virginis - - -	13 12 27·63	52·31	2	+3·148	
2373	4460	7	Rumker 334 - - -	13 12 50·56	52·48	7	+7·888	+0·60
2374	4463	5·6	Taylor 6145 - - -	13 12 59				
2375	4465	6	Museæ - - - ι^1	13 13 25·31	52·41	2	+4·549	+0·02
2376	4466	6	Piazzi XIII–59 - -	13 13 26·73	52·36	2	+3·213	
2377	4469	5·4	Cape 1840 Cat., No. 1737	13 13 59·23	52·34	2	+3·931	−0·07
2378	4471	7	Piazzi XIII–62 - -	13 14 12·81	52·40	2	+3·159	
2379	4473	7	Piazzi XIII–67 - -	13 14 43·90	52·46	2	+3·111	
2380	4474	6	63 Virginis - - -	13 14 59·52	52·36	2	+3·202	
2381	4475	6	Cape 1840 Cat., No. 1739	13 15 15·09	52·30	1	+3·943	−0·85*
2382	4476	7·6	Museæ - - - ι^2	13 15 31·17	52·46	2	+4·570	−0·46
2383	4477	6	65 Virginis - - -	13 15 32·79	52·31	1	+3·102	
2384	4478	6	66 Virginis - - -	13 16 45				
2385	4481	6	Taylor 6180 - - -	13 17 17·73	52·32	1	+3·562	−0·31

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2341	94 44								297		7228
2342	152 30 11·64	51·61	3	+19·32	− 1·61	5411					7230
2343	146 6 31·76	51·29	2	+19·31	+ 1·55	5415	4350				7231
2344	131 25 25·06	51·23	2	+19·31	+ 0·61	5420	4351				7232
2345	132 34 3·78	51·28	2	+19·31	+ 0·81	5422	4353				7235
2346	155 25 40·57	50·85	2	+19·30	+ 0·35	5416	4352				7240
2347	149 7 13·42	50·27	1	+19·30	+ 1·32	5418	4354				7238
2348	99 18 10·73	51·41	1	+19·30							
2349	127 0 21·21	50·35	1	+19·29	− 1·12*	5429	4361				7243
2350	105 23 16·26	50·37	1	+19·28			4362		298		
2351	148 17 58·12	51·23	2	+19·25	+ 5·23*	5437	4370				7253
2352	157 4 59·77	50·83	2	+19·25	+ 0·14		4367				7257
2353	157 5 51·35	50·83	2	+19·25	− 0·75	5433	4369				7259
2354	132 20 34·88	50·34	1	+19·24	− 1·00	5443	4373				7258
2355	108 1 41·84	50·36	1	+19·24							
2356	108 1										
2357	138 9 25·07	51·23	2	+19·23	+ 2·52	5448	4374				7261
2358	109 8 28·07	51·32	2	+19·23							
2359	99 34 21·15	50·38	1	+19·21							
2360	155 59 19·16	50·21	1	+19·20	+ 0·31	5451	4380				7275
2361	109 8 37·78	51·32	2	+19·18							
2362	120 42 37·47	51·59	3	+19·16	+ 1·50	5466	4386				7280
2363	146 30 27·96	50·26	2	+19·15	− 0·27	5465	4388				7287
2364	104 45 10·81	50·35	1	+19·14			4396				
2365	140 29 33·85	50·60	3	+19·14	+ 1·56	5472	4394				7290
2366	99 45 15·32	51·38	1	+19·14							
2367	97 56 19·10	51·45	1	+19·13							
2368	112 22 42·47	51·28	2	+19·11							
2369	141 57 25·78	51·54	3	+19·09	+ 2·59	5484	4414				7302
2370	100 52 56·39	50·36	1	+19·08							
2371	125 55 9·51	51·66	3	+19·07	+ 2·05*	5491	4417	235	301	78	7306
2372	100 30 51·21	50·40	2	+19·06							
2373	175 2 39·01	50·47	2	+19·05	− 1·13	5452	4410				7336
2374	150 11 59·70	51·43	2	+19·05	+ 0·43	5492	4421				7319
2375	164 5					5486	4423				7326
2376	108 42 4·16	50·46	1	+19·03							
2377	153 44 53·67	51·27	2	+19·02	+ 1·80	5500	4428				7330
2378	101 47 29·86	51·41	1	+19·01							
2379	95 24 34·28	51·38	1	+19·00							
2380	106 56 52·58	50·49	1	+18·99							
2381	153 41 57·63	51·57	3	+18·98	+ 1·13	5509	4437				7341
2382	163 54					5504	4438				7344
2383	94 8										
2384	94 22 40·90	51·41	1	+18·94							
2385	138 0 10·54	51·61	3	+18·92	+ 1·68	5530	4455				7353

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				h m s			s	s
2386	4480	1	67 Virginis - - α	13 17 17·80	51·75	34	+3·152	−0·01
2387	4482	6·5	Piazzi XIII–74 - -	13 17 27				
2388	4483	5·6	Octantis - - κ	13 17 38·59	52·48	7	+8·162	+0·30
2389	4488	6·7	Piazzi XIII–76 - -	13 18 4				
2390	4489	6	Taylor 6194 - - -	13 18 13·81	52·31	1	+3·456	−0·32
2391	4491	7	Rumker 342 - -	13 18 41·09	52·01	2	+3·812	−0·06
2392	4492	5	68 Virginis - - i	13 18 48				
2393	4494	5·6	69 Virginis - - -	13 19 27·68	52·41	2	+3·194	
2394	4495	5·6	Taylor 6206 - - -	13 20 15·60	52·35	2	+3·625	−0·22
2395	4496	7	Piazzi XIII–89 - -	13 20 34·90	52·36	3	+3·071	
2396	4500	7·6	Piazzi XIII–93 - -	13 21 23·63	52·32	2	+3·221	+0·04
2397	4501	var.	Piazzi XIII–94 - -	13 21 31·51	52·34	2	+3·264	
2398	4502	7	Piazzi XIII–95 - -	13 21 33·18	52·39	2	+3·075	
2399	4505	7	Piazzi XIII–97 - -	13 21 54·24	52·38	2	+3·237	
2400	4507	4·5	Piazzi XIII–99 - -	13 22 22·02	52·33	2	+3·447	−0·34
2401	4508	7	72 Virginis - - l^1	13 22 36·55	52·43	2	+3·118	
2402	4511	7	Piazzi XIII–106 - -	13 23 7·02	52·27	2	+3·089	
2403	4512	6	Rumker 344 - -	13 23 12				
2404	4514	6	73 Virginis - - -	13 23 57·94	52·32	2	+3·226	
2405	4515	7	Piazzi XIII–114 - -	13 24 4·77	52·40	2	+3·084	
2406	4516	6	74 Virginis - - l^2	13 24 10·17	52·44	1	+3·117	
2407	4517	6·7	Piazzi XIII–112 - -	13 24 12·21	52·44	2	+3·335	−0·12
2408	4518	7	Taylor 6255 - - -	13 24 18·18	52·33	2	+3·463	−0·37
2409	4520	6	75 Virginis - - -	13 24 51				
2410	4521	6	76 Virginis - - h	13 25 4·35	52·39	2	+3·151	
2411	4522	6·7	Taylor 6263 - - -	13 25 4·64	52·33	2	+3·466	−0·28
2412	4523	7	Piazzi XIII–119 - -	13 25 13·95	52·47	2	+3·085	
2413	4525	7	77 Virginis - - -	13 25 34·63	52·09	3	+3·129	
2414	4528	6·7	Cape 1840 Cat., No. 1757	13 26 30·63	52·42	2	+4·899	−0·22
2415	4531	6·7	Piazzi XIII–126 - -	13 26 42·47	52·37	2	+3·180	−0·13
2416	4532	3·4	79 Virginis - - ζ	13 27 3·11	51·74	7	+3·069	+0·05
2417	4533	6·5	Taylor 6280 - - -	13 27 5·08	52·34	2	+3·962	+0·53
2418	4534	6	Cape 1840 Cat., No. 1762	13 27 27·93	52·43	2	+4·416	+0·25
2419	4535	6	80 Virginis - - -	13 27 43·40	52·33	2	+3·311	
2420	4537	6·7	Taylor 6289 - - -	13 28 10·48	52·35	2	+3·545	−0·38
2421	4539	6	Taylor 6294 - - -	13 28 21·08	52·36	2	+3·585	−0·34
2422	4541	6	Hydræ - - f	13 28 29·88	52·34	2	+3·313	−0·25
2423	4546	7	81 Virginis - - -	13 29 44·04	52·44	2	+3·134	
2424	4547	7	Piazzi XIII–145 - -	13 30 1·97	51·98	2	+3·093	
2425	4548	6	Piazzi XIII–146 - -	13 30 17·18	52·34	2	+3·353	−0·19
2426	4551	6	Taylor 6318 - - -	13 30 45·48	52·40	2	+3·668	−0·59
2427	4554	7	Piazzi XIII–152 - -	13 31 20·06	52·40	2	+3·175	
2428	4557	6·5	Cape 1840 Cat., No. 1772	13 32 6·86	52·38	2	+3·910	−0·34
2429	4558	5·6	Centauri - - Q	13 32 10·61	52·33	2	+3·786	−0·32
2430	4560	7	Piazzi XIII–158 - ·	13 33 0·57	51·90	2	+3·183	

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2386	100 22						4457	237	302	110	7352
2387	128 58 12·91	51·29	2	+18·92	+ 1·17	5531	4458				7355
2388	175 0					5482	4445				7387
2389	106 4 42·16	50·46	1	+18·90							
2390	130 42 56·70	51·57	2	+18·90	− 1·47	5543	4467				7364
2391	148 45					5540	4477				7372
2392	101 55 30·32	50·47	1	+18·88	+ 1·02				303		7371
2393	105 11 37·45	50·47	1	+18·86							
2394	140 23 8·25	51·53	3	+18·84	+ 2·20	5552	4476				7390
2395	90 2 38·14	51·38	1	+18·83							
2396	107 57 0·48	50·34	1	+18·80	+ 0·62		4492				7399
2397	112 30 14·59	50·43	1	+18·80							
2398	90 35 3·03	51·45	1	+18·80							
2399	109 32 5·60	50·38	1	+18·79							
2400	128 37 49·68	51·62	3	+18·77	− 0·32	5569	4496		304		7405
2401	95 41 39·58	50·38	1	+18·77							
2402	92 16 29·81	51·41	1	+18·75							
2403	154 51 28·44	50·87	2	+18·75	+ 0·53	5566	4506				7416
2404	107 57 12·89	50·34	1	+18·72							
2405	91 33 12·92	50·43	1	+18·72							
2406	95 28 46·31	51·38	1	+18·72							
2407	118 47 28·82	51·32	2	+18·72	+ 0·67	5578	4519				7420
2408	129 11 50·63	51·27	2	+18·71	+ 1·75		4520				7423
2409	104 35 21·70	50·29	1	+18·70							
2410	99 23 24·66	51·45	1	+18·69							
2411	129 10 23·15	51·27	2	+18·69	+ 0·90	5583	4529				7431
2412	91 39 3·54	51·46	1	+18·68							
2413	96 51 2·16	51·41	1	+18·67							
2414	164 54 54·28	50·35	1	+18·64	+ 2·54	5577	4534				7444
2415	102 26 34·83	50·43	1	+18·64	− 0·16		4542				7437
2416	89 49										7441
2417	150 55 7·07	51·22	2	+18·62	+ 2·03	5589	4544				7446
2418	159 40 33·63	51·61	3	+18·61	+ 1·52	5587	4546				7448
2419	94 37 47·13	51·38	1	+18·60							
2420	133 22 27·37	51·31	2	+18·59	+ 0·94	5598	4550				7449
2421	135 39 32·76	51·28	2	+18·58	+ 1·35	5600	4554				7453
2422	115 43 40·79	50·42	1	+18·58	− 1·31	5608	4556				7455
2423	97 6 17·62	51·41	1	+18·54							
2424	92 28 6·16	51·38	1	+18·53							
2425	118 47 32·11	51·62	3	+18·52	+ 2·84	5623	4571				7475
2426	139 11 11·26	51·22	2	+18·50	+ 0·12	5622	4574				7481
2427	101 19 32·56	50·29	2	+18·48							
2428	148 1 30·30	51·22	2	+18·46	+ 0·75	5627	4580				7492
2429	143 47 47·47	50·88	2	+18·46	+ 0·25	5632	4582				7491
2430	102 1 13·85	50·35	1	+18·43							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2431	4561	6	Taylor 6339 - -	13 33 10·32	52·34	2	+3·855	−0·09
2432	4565	6	82 Virginis - - *m*	13 33 44·65	51·78	3	+3·145	+0·09
2433	4567	6	Taylor 6355 - - -	13 34 44·54	52·32	2	+3·543	−0·13
2434	4571	7	Piazzi XIII–171 - -	13 35 44·19	51·90	2	+3·104	
2435	4572	7	Piazzi XIII–174 - -	13 36 6·18	52·41	2	+3·116	
2436	4574	6	83 Virginis - - -	13 36 24·71	52·35	2	+3·221	
2437	4576	7	Piazzi XIII–177 - -	13 36 42·69	52·38	2	+3·202	
2438	4578	7	Piazzi XIII–179 - -	13 37 5·44	52·37	2	+3·137	
2439	4579	5	1 Centauri - - *i*	13 37 10·63	52·31	2	+3·418	+0·03
2440	4580	5	Taylor 6376 - - -	13 37 11				
2441	4581	6·7	Piazzi XIII–180 - -	13 37 15·33	52·32	2	+3·332	−0·29
2442	4582	6	85 Virginis - - -	13 37 30·85	52·43	2	+3·219	
2443	4583	7	Piazzi XIII–183 - -	13 37 38·21	52·46	2	+3·184	
2444	4584	7	Piazzi XIII–185 - -	13 37 55·60	51·52	2	+3·173	
2445	4585	6	86 Virginis - - -	13 37 57·22	52·09	3	+3·185	
2446	4586	6	Piazzi XIII–187 - -	13 38 12				
2447	4588	7·6	Rumker 354 - -	13 38 59·67	52·34	2	+4·040	−0·04
2448	4589	7	Piazzi XIII–190 - -	13 39 3·05	52·35	2	+3·258	
2449	4590	6	87 Virginis - - -	13 39 16·45	52·37	2	+3·243	
2450	4591	6·7	B. F. 1886 - - -	13 39 18·15	52·49	1	+3·159	
2451	4593	7	Piazzi XIII–192 - -	13 39 35·43	52·46	2	+3·129	
2452	4599	7·6	88 Virginis - - *n*	13 40 27·63	51·99	2	+3·131	−0·42
2453	4601	4	Centauri - - *ν*	13 40 31·90	52·35	2	+3·563	−0·29
2454	4602	4	Centauri - - *μ*	13 40 36·28	52·35	2	+3·577	−0·19
2455	4603	4·5	2 Centauri - - *g*	13 40 46·26	52·40	2	+3·450	0·00
2456	4608	5·6	89 Virginis - - -	13 41 43·82	52·35	3	+3·250	
2457	4611	7·8	Rumker 358 - -	13 41 54				
2458	4612	7·8	Rumker 359 - -	13 41 56				
2459	4613	7	Piazzi XIII–206 - -	13 42 0·43	52·09	3	+3·282	
2460		7·8	Cape 1840 Cat., No. 1796	13 42 25·22	52·49	2	+3·813	−0·19
2461	4616	6	Taylor 6424 - - -	13 42 26·97	52·45	2	+3·812	−0·24
2462	4617	6	Piazzi XIII–207 - -	13 42 31·36	52·46	2	+3·673	−0·07
2463	4619	7	Piazzi XIII–213 - -	13 42 40·33	51·89	2	+3·140	
2464	4622	7	Piazzi XIII–218 - -	13 42 58·20	52·45	1	+3·142	
2465	4623	6	3 Centauri - - *k*	13 43 10·99	52·38	2	+3·438	+0·01
2466	4624	6·7	Taylor 6440 - -	13 43 25·47	52·45	2	+3·419	−0·20
2467	4625	6	Taylor 6442 - -	13 44 1·00	52·39	1	+3·838	−0·44
2468	4626	6	Rumker 360 - -	13 44 16				
2469	4629	5	4 Centauri - - *h*	13 44 35·35	52·50	1	+3·427	+0·05
2470	4630	6	Taylor 6444 - - -	13 44 38				
2471	4631	6	Piazzi XIII–222 - -	13 44 47·81	52·42	1	+3·483	−0·33
2472	4635	6·7	Taylor 6453 - - -	13 45 33·89	52·26	2	+3·816	−0·39
2473	4636	6	Piazzi XIII–230 - -	13 45 47·95	52·16	3	+3·385	−0·36
2474	4638	3	Centauri - - *ζ*	13 46 12·72	51·95	2	+3·702	−0·20
2475	4639	7	O. A. 13225–6 - -	13 46 12·72	51·54	1	+3·247	

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2431	146 0 26·81	51·36	3	+18·42	+ 1·01	5640	4591				7505
2432	97 56 38·05	50·38	1	+18·40	− 0·60						7506
2433	131 18 32·70	51·58	3	+18·37	− 0·70	5654	4602				7520
2434	93 30 56·52	50·43	1	+18·33							
2435	94 44 28·17	51·15	1	+18·32							
2436	105 25 20·41	50·35	1	+18·31			4616				
2437	103 27 42·41	50·36	1	+18·30							
2438	96 52 39·98	51·38	1	+18·28							
2439	122 16 57·94	51·60	3	+18·28	+ 0·71	5668	4619		306		7536
2440	140 40 38·67	51·86	2	+18·28	+ 1·26	5664	4618				7538
2441	115 21 39·28	50·35	1	+18·28	− 0·89	5670	4620				7537
2442	105 0 42·69	50·41	1	+18·27			4623				
2443	101 37 50·51	50·36	1	+18·26							
2444	100 28 13·74	50·37	1	+18·25							
2445	101 40 20·39	50·29	1	+18·25							
2446	125 29 54·54	50·94	2	+18·24	− 0·19	5676	4627				7542
2447	150 0 5·67	51·32	3	+18·21	− 0·62						7550
2448	108 30 12·09	50·36	1	+18·21							
2449	107 6 24·42	50·38	1	+18·20			4635				
2450	98 57 20·53	50·43	1	+18·20							
2451	95 57 12·30	51·15	1	+18·19							
2452	96 5 12·25	51·46	1	+18·16	0·00						7557
2453	130 56 16·61	50·31	2	+18·16	− 1·68	5683	4644		307		7562
2454	131 43 25·56	51·27	2	+18·15	+ 0·28	5684	4645		308		7563
2455	123 41 57·24	51·31	2	+18·15	− 0·08	5688	4647		309		7565
2456	107 23 4·86	50·29	1	+18·11			4653				
2457	152 36 36·81	51·46	3	+18·11	− 0·28		4649				7574
2458	152 39 0·03	51·46	3	+18·10	+ 1·79						7575
2459	110 7 18·61	50·36	1	+18·10							
2460	142 3 45·61	51·56	3	+18·09	+ 3·43		4655				7578
2461	142 3 52·57	51·56	3	+18·08	+ 1·51	5700	4656				7579
2462	136 9 7·17	51·23	2	+18·08	+ 1·10	5702	4657				7580
2463	96 51 1·12	51·15	1	+18·08							
2464	97 2 14·13	51·47	1	+18·07							
2465	122 14 52·24	51·29	2	+18·06	− 2·68	5708	4662		310		7587
2466	120 52 21·15	51·32	2	+18·05	+ 0·90	5712	4663				7590
2467	142 37 46·01	51·38	3	+18·02	+ 2·09	5711	4665				7597
2468	150 35 33·78	50·93	2	+18·02	− 2·49						7600
2469	121 11 3·62	50·38	1	+18·00	− 1·38	5725	4669		311		7599
2470	136 23 9·03	50·36	1	+18·00	− 0·22	5719	4668				7602
2471	124 55 14·85	50·34	1	+18·00	+ 1·29	5726	4671				7604
2472	141 25 10·36	51·44	2	+17·96	+ 0·97	5727	4677				7619
2473	117 49 32·54	50·29	1	+17·96	+ 3·10	5742	4681				7620
2474	136 32 48·33	50·42	1	+17·94	+ 1·33	5737	4683	240	312	57	7623
2475	106 26 22·01	50·29	1	+17·94							

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				h m s			s	s
2476	4641	6·7	Taylor 6464	13 46 31				
2477	4642	6	Taylor 6467	13 46 41·97	52·42	2	+3·895	−0·17
2478	4644	6·5	Cape 1840 Cat., No. 1811	13 46 51·29	52·42	2	+4·248	−0·31
2479	4645	6	90 Virginis p	13 47 0·21	52·06	3	+3·079	
2480	4647	7	Bradley 1820	13 47 6·48	51·92	2	+3·148	
2481	4648	3	8 Boötis η	13 47 32·54	51·55	10	+2·861	−0·09
2482		7	Taylor 6481	13 48 1·57	52·33	1	+3·380	−0·18
2483	4650	7	Taylor 6485	13 48 23·87	52·41	2	+3·380	−0·21
2484	4653	4	Centauri ϕ	13 49 10·73	52·42	1	+3·611	−0·32
2485	4654	4	Centauri υ^1	13 49 26·58	52·35	2	+3·665	−0·35
2486	4655	6·7	Rumker 363	13 49 42				
2487	4657	6	47 Hydræ	13 50 6·78	52·13	3	+3·349	−0·07
2488	4658	7	Piazzi XIII–256	13 50 24·65	51·53	2	+3·195	
2489	4660	5	Apodis θ	13 50 53·36	52·48	3	+5·579	−0·69
2490		7·8	Centauri	13 51 15·64	52·37	1	+3·979	
2491	4663	6·7	48 Hydræ	13 51 36·75	52·39	3	+3·353	−0·40
2492	4665	7	Piazzi XIII–269	13 52 3·07	51·53	2	+3·102	
2493	4666	7	Piazzi XIII–270	13 52 10·81	52·45	1	+3·153	
2494	4667	6·7	Taylor 6519	13 52 16·99	52·08	3	+3·589	−0·29
2495	4668	5	Centauri υ^2	13 52 23·90	52·40	2	+3·698	−0·31
2496	4669	1·2	Centauri β	13 53 17·25	51·85	39	+4·154	+0·10
2497	4670	6·7	Taylor 6528	13 53 20·87	52·34	2	+3·994	−0·21
2498	4671	6	Piazzi XIII–274	13 53 51·74	52·42	2	+3·391	−0·15
2499	4673	7	Piazzi XIII–276	13 54 17·23	52·49	1	+3·292	
2500	4674	6·7	Taylor 6537	13 54 20·19	52·45	2	+3·454	−0·12
2501	4677	6	Taylor 6545	13 55 46·35	52·41	2	+3·959	−0·50
2502	4679	6·7	Piazzi XIII–286	13 56 20·23	52·39	3	+3·236	
2503	4680	7	Piazzi XIII–287	13 56 25·23	51·53	2	+3·168	
2504	4681	5	Centauri χ	13 56 54·57	52·39	2	+3·627	−0·20
2505	4682	7·8	B. F. 1925	13 57 4·18	52·17	3	+3·253	
2506	4683	7	Piazzi XIII–290	13 57 7·18	52·45	1	+3·235	
2507	4685	4	49 Hydræ π	13 57 50·49	52·43	2	+3·391	+0·04
2508	4686	3·4	5 Centauri θ	13 57 52·22	52·43	2	+3·542	−0·03
2509	4687	7·6	Taylor 6565	13 58 5·46	52·35	2	+3·802	−0·39
2510	4688	6	94 Virginis	13 58 21·51	52·49	2	+3·165	+0·11
2511	4690	6	95 Virginis	13 58 47·33	52·49	1	+3·171	
2512	4691	7	Piazzi XIII–300	13 59 4				
2513	4693	6	Taylor 6578	13 59 45·99	52·41	2	+3·889	−0·31
2514	4695	5	Taylor 6584	13 59 57				
2515	4697	7	Piazzi XIII–308	14 0 27·25	52·06	3	+3·202	
2516	4698	6·7	96 Virginis	14 1 1·44	51·52	2	+3·185	
2517	4700	5·6	Piazzi XIII–317	14 2 39·45	52·40	2	+3·261	
2518	4702	7	Piazzi XIV–2	14 3 5·42	52·43	2	+3·207	
2519	4703	7·6	Centauri	14 3 6				
2520	4704	6·5	Taylor 6602	14 3 12·94	52·34	2	+3·978	−0·35

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2490. The magnitude is taken from Brisbane.

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2476	143 23 33·58	50·88	2	+17·93	+ 1·19	{5738 5741}	4685				7629
2477	143 57 25·49	50·27	1	+17·92	+ 6·21*	5744	4689				7633
2478	152 56 53·43	50·26	1	+17·91	+ 0·52	5733	4687				7639
2479	90 45										
2480	97 19 4·91	50·38	1	+17·90							
2481	70 50									149	7638
2482	116 54					5763	4699				7645
2483	116 55 21·43	50·95	2	+17·85	+ 1·90	5764	4702				7646
2484	131 21 56·99	50·46	1	+17·82	− 2·11	5768	4704		313		7655
2485	134 4 7·76	50·44	1	+17·81	− 0·68	5770	4707		314		7661
2486	150 44 49·78	51·21	2	+17·80	+ 0·66	5766	4708				7670
2487	114 14 14·91	50·42	1	+17·78	+ 0·56	5777					7669
2488	101 19 10·14	50·50	1	+17·77							
2489	166 4					5757	4712				7679
2490	145 29						4719				
2491	114 16 32·01	50·42	1	+17·72	+ 2·64	5780					7678
2492	92 48										
2493	97 25										
2494	129 29 33·39	50·47	1	+17·70	− 0·33	5783	4728				7685
2495	134 52 26·00	50·52	1	+17·69	− 0·48	5782	4729				7687
2496	149 38					5784	4733	243	315	31	7691
2497	145 29 8·88	50·38	1	+17·65	+ 1·76	5786	4735				7690
2498	116 42 9·93	50·43	1	+17·63	+ 0·26	5788	4738				7693
2499	109 4 59·23	50·50	1	+17·61							
2500	120 57 40·18	50·43	1	+17·61	− 2·09	5791	4741				7696
2501	143 56 45·95	51·60	3	+17·55	+ 1·55	5797	4746				7702
2502	104 14 53·41	50·29	1	+17·53							
2503	98 32 4·65	51·46	1	+17·52							
2504	130 27 28·75	51·32	2	+17·50	− 0·47	5810	4757		316		7710
2505	105 36 52·60	50·38	1	+17·50							
2506	104 8 1·79	50·46	1	+17·49							
2507	115 57 25·18	50·44	1	+17·46	− 0·56	5821	4765		318		7718
2508	125 37 44·76	50·36	1	+17·46	− 1·04	5820	4766	245	317	79	7719
2509	137 59 3·78	50·26	1	+17·45	+ 1·93	5818	4768				7725
2510	98 10 33·33	51·15	1	+17·44	+ 1·85						7724
2511	98 35 43·71	50·38	1	+17·42							
2512	105 28 21·12	50·29	1	+17·41							
2513	140 47 21·27	51·22	2	+17·38	+ 0·81	5825	4778				7736
2514	142 43 14·05	50·21	1	+17·37	+ 3·70	5827	4779				7737
2515	101 6 49·87	50·29	1	+17·35							
2516	99 37 15·38	50·43	1	+17·32							
2517	105 35 26·82	50·34	2	+17·25			4797				
2518	101 14 27·06	50·34	1	+17·23							
2519	154 59 36·81	50·20	1	+17·23	+ 2·82	5836	4795				7757
2520	142 57 24·57	51·22	2	+17·23	+ 1·84	5840	4798				7756

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2521	4705	5	Octantis - - δ	14 3 29·94	52·55	19	+8·637	+0·31
2522	4707	7	Piazzi XIV–10 - -	14 4 1				
2523	4708	6	50 Hydræ - - -	14 4 11·17	52·45	2	+3·415	−0·11
2524	4709	5·6	Taylor 6616 - - -	14 4 32				
2525	4710	7	97 Virginis - - -	14 4 34·05	51·52	2	+3·183	
2526	4711	7	Bradley 1840 - -	14 4 39·48	52·35	2	+3·407	−0·11
2527	4715	6	Circini - - -	14 4 51				
2528	4716	4·5	98 Virginis - - κ	14 4 53·93	51·74	12	+3·188	+0·11
2529	4717	7	Piazzi XIV–15 - -	14 5 0·43	52·48	2	+3·102	
2530	4719	6·7	Taylor 6631 - - -	14 6 20·87	52·38	2	+3·452	−0·07
2531	4720	6·7	Bradley 1843 - -	14 6 32·87	52·41	2	+3·135	
2532	4722	6	Piazzi XIV–22 - -	14 7 8·58	52·35	2	+3·293	
2533	4727	4	99 Virginis - - ι	14 8 9·20	51·52	5	+3·136	
2534	4729	1	16 Boötis - - - α	14 8 49·25	51·72	33	+2·812	−0·18
2535	4730	6	Rumker 368 - -	14 8 53				
2536	4734	4	Lupi - - - ι	14 9 49·68	52·31	2	+3·797	−0·15
2537	4735	5	Taylor 6656 - - -	14 9 53·44	52·34	2	+4·123	−0·30
2538	4739	6·7	Libræ - - - -	14 10 21·07	52·35	2	+3·305	
2539	4740	6·7	Hydræ - - -	14 10 30·84	52·37	2	+3·409	−0·73*
2540	4743	4	100 Virginis - - λ	14 11 0·08	51·98	10	+3·233	−0·17
2541	4744	5·6	Piazzi XIV–46 - -	14 11 9·90	52·40	2	+3·782	−0·20
2542	4745	4·5	Centauri - - ψ	14 11 27·29	52·40	2	+3·621	−0·29
2543	4746	7·6	Rumker 371 - -	14 11 33·39	52·41	2	+4·698	−0·25
2544	4748	6	102 Virginis - - υ^1	14 11 48·93	52·50	1	+3·091	
2545	4749	6	Centauri - - Y	14 11 55				
2546	4750	7	Piazzi XIV–44 - -	14 12 0·61	51·52	2	+3·148	
2547	4754	6·5	Cape 1840 Cat., No. 1859	14 12 45·40	52·47	1	+4·838	−0·60
2548	4755	6	Taylor 6690 - - -	14 12 52·31	52·06	2	+3·874	−0·35
2549	4757	6	Piazzi XIV–53 - -	14 13 21·37	52·41	2	+3·568	−0·19
2550	4759	5	Piazzi XIV–55 - -	14 13 49·02	52·38	2	+3·664	−0·30
2551	4761	7	Cape 1840 Cat., No. 1861	14 13 57·17	52·51	2	+6·040	−0·11
2552	4762	6	103 Virginis - - υ^2	14 14 15·08	52·29	2	+3·087	
2553	4763	6	51 Hydræ - - -	14 14 27·86	52·37	2	+3·449	−0·50*
2554	4764	7·8	Taylor 6705 - - -	14 14 42·85	52·47	2	+3·163	
2555	4764	7·8	Taylor 6705 - - -	14 14 42·87	52·46	2	+3·163	
2556	4765	6	2 Libræ - - - -	14 15 21·81	51·52	2	+3·216	
2557		7·6	Taylor 6715 - - -	14 16 5·68	52·46	1	+4·296	−0·15
2558	4767	6	Piazzi XIV–68 - -	14 16 15·77	52·41	2	+3·406	−0·14
2559	4768	5	Lupi - - - τ^1	14 16 32·07	52·36	2	+3·809	−0·24
2560	4770	5	Lupi - - - τ^2	14 16 33·63	52·37	2	+3·813	−0·13
2561	4772	7·8	Bradley 1861 - -	14 16 37·50	51·99	2	+3·216	
2562	4774	6	Taylor 6724 - - -	14 16 49·79	52·38	2	+3·739	−0·53*
2563	4776	6·7	Hydræ - - -	14 17 9·09	51·18	5	+3·441	−0·06
2564	4777	7	Piazzi XIV–76 - -	14 17 10·41	52·36	1	+3·240	
2565	4779	6	Taylor 6731 - - -	14 17 33·57	52·46	1	+3·838	−0·61

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2554. 2555. Close double. The mean has probably been observed in N.P.D.

No.	Mean N.P D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2521	172 58					5802	4790		319	11	7780
2522	95 25 6·79	50·41	1	+17·19							
2523	116 33 6·80	52·20	1	+17·18	+ 2·32	5856	4809		320		7764
2524	146 22 49·82	50·85	2	+17·17	− 0·69	5850	4810				7772
2525	99 11 31·46	50·43	1	+17·16							
2526	115 54 18·14	50·33	1	+17·16	+ 0·16	5858	4812				7769
2527	155 53 4·37	50·25	2	+17·15	− 1·15	5846	4811				7775
2528	99 34 21·94	50·43	1	+17·15	− 3·58				321		7771
2529	92 35 59·32	50·42	1	+17·15							
2530	118 34 41·09	51·27	2	+17·08	+ 0·97	5869	4824				7784
2531	95 14 51·97	51·15	1	+17·08							
2532	107 29 52·05	50·29	1	+17·05							
2533	95 16 56·37	50·39	1	+17·00					322		
2534	70 2						4840			150	7795
2535	150 34 25·28	50·20	1	+16·97	+ 0·90	5875					7802
2536	135 21 44·85	51·58	3	+16·92	− 0·03	5881	4848		323		7806
2537	145 41 29·00	51·22	2	+16·92	+ 2·29	5879	4847				7809
2538	108 1 5·65	50·29	1	+16·90			4852				
2539	115 8 6·01	50·36	1	+16·89	− 9·72*	5892	4855				7812
2540	102 40 40·25	50·29	2	+16·87	− 0·62			246	324		7815
2541	134 29 28·66	51·22	2	+16·86	+ 1·69	5891	4859				7819
2542	127 11 32·54	50·38	1	+16·85	− 0·19	5895	4863				7821
2543	155 57 17·28	50·26	2	+16·84	+ 0·09						7826
2544	91 34 10·30	51·47	1	+16·83							
2545	147 46 11·68	50·20	1	+16·82	− 0·26	5893	4864				7827
2546	96 3 10·14	51·46	1	+16·82							
2547	157 30 30·76	50·23	1	+16·78	+ 0·26	5890	4869				7837
2548	137 37 49·32	51·28	2	+16·78	+ 1·23	5901	4873				7833
2549	124 5 54·38	50·35	1	+16·76	− 1·19	5907	4879				7835
2550	128 49 24·01	51·31	2	+16·73	+ 0·29	5911	4883		326		7841
2551	166 2 49·31	50·93	2	+16·73	+ 2·25	5885	4874				7851
2552	91 17 59·89	51·47	1	+16·71							
2553	117 3 45·80	51·47	1	+16·70	+ 1·40*	5917	4887				7846
2554	} 97 4 31·04	50·39	1	+16·69							
2555											
2556	101 1 30·90	51·46	1	+16·66							
2557	148 33					5920	4907				7862
2558	114 7 20·57	50·42	1	+16·61	+ 0·57	5929					7861
2559	134 32 21·47	51·22	2	+16·60	+ 0·05	5928	4902		328		7864
2560	134 41 52·13	50·36	2	+16·60	− 0·14	5927	4903		329		7866
2561	100 59 8·23	51·47	1	+16·60							
2562	131 38 5·21	50·20	1	+16·59	+ 2·93	5930	4904				7867
2563	116 10 7·81	50·39	3	+16·57	+ 0·69	5937					7868
2564	102 40 18·61	50·29	1	+16·57							
2565	135 27 6·64	50·26	1	+16·55	+ 2·08	5934	4909				7875

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				h m s			s	s
2566	4780	6·7	Taylor 6733	14 17 48·63	52·47	2	+ 4·306	−0·17
2567	4781	8	Piazzi XIV–78	14 17 59·53	51·59	3	+ 3·443	
2568	4784	5·6	52 Hydræ	14 19 24·14	52·37	2	+ 3·491	+0·07
2569	4786	6·7	104 Virginis	14 19 32·25	52·04	2	± 3·143	
2570	4787	7·8	Piazzi XIV–85	14 19 37·81	52·39	2	+ 3·243	
2571	4790	6·7	Octantis z	14 20 13·38	52·54	17	+20·797	−0·63
2572	4791	5·6	Taylor 6751	14 20 23·35	52·40	2	+ 3·950	−0·41
2573	4792	5	105 Virginis φ	14 20 28·71	51·90	2	+ 3·092	
2574	4793	6	Piazzi XIV–87	14 20 29·66	52·33	2	+ 3·830	−0·24
2575	4794	7	Piazzi XIV–89	14 20 31·39	52·36	2	+ 3·197	
2576	4795	6	106 Virginis	14 20 47·39	52·50	2	+ 3·155	−0·20
2577	4796	7	Cape 1840 Cat., No. 1876	14 21 21				
2578	4799	6·7	Piazzi XIV–95	14 22 12·20	51·79	2	+ 3·119	
2579	4800	7	Libræ	14 22 24·15	52·06	1	+ 3·428	+0·07
2580	4801	5·4	Lupi σ	14 22 32·69	52·38	2	+ 3·992	−0·36
2581	4802	7	Piazzi XIV–98	14 22 42·01	51·52	2	+ 3·117	
2582	4806	7·6	Taylor 6786	14 24 25				
2583	4807	7	Piazzi XIV–104	14 24 38·97	52·36	2	+ 3·767	−0·31
2584	4811	3	Centauri η	14 26 0·46	52·40	2	+ 3·774	−0·42
2585	4813	6·7	Piazzi XIV–110	14 26 3·74	52·42	2	+ 3·759	−0·39
2586	4814	7	Piazzi XIV–116	14 26 24·60	51·92	2	+ 3·357	
2587	4815	6	Piazzi XIV–113	14 26 31·84	52·39	1	+ 3·885	−0·46
2588	4818	6	Taylor 6806	14 27 20·43	52·47	2	+ 3·733	−0·20
2589	4819	5·6	Piazzi XIV–118	14 27 32·36	52·44	2	+ 3·887	−0·28
2590	4821	5	Lupi ρ	14 27 49·66	52·43	2	+ 3·988	−0·31
2591	4824	7	Piazzi XIV–121	14 28 17·33	51·54	2	+ 3·198	
2592	4828	7	Piazzi XIV–127	14 29 1·33	50·57	1	+ 3·238	
2593	4829	6·5	Piazzi XIV–125	14 29 22·27	52·41	2	+ 3·908	−0·74*
2594	4831	3	Centauri α^1	14 29 26·44	51·86	2	+ 4·488	
2595	4832	1	Centauri α^2	14 29 27·49	51·88	31	+ 4·488	
2596	4833	4·5	Apodis α	14 29 29·21	52·49	3	+ 7·024	+0·05
2597	4835	4	Circini α	14 30 27·05	52·43	2	+ 4·768	−0·73*
2598	4836	7	3 Libræ	14 30 43·04	51·92	2	+ 3·441	−0·03
2599	4837	7	Piazzi XIV–137	14 30 57·01	51·53	2	+ 3·214	
2600	4838	7·6	Piazzi XIV–135	14 30 57·31	52·34	2	+ 3·471	−0·04
2601	4839	3	Lupi α	14 31 58·97	52·38	2	+ 3·945	−0·30
2602	4840	7	Libræ	14 32 14·82	52·43	2	+ 3·428	−0·08
2603	4842	4	Piazzi XIV–142	14 32 39·75	52·47	2	+ 3·697	−0·09
2604	4844	5	Rumker 386	14 33 27·80	52·44	2	+ 4·647	+0·04
2605	4848	7·8	Piazzi XIV–146	14 33 54·29	51·54	2	+ 3·241	
2606	4851	6·7	Taylor 6868	14 34 24·30	52·48	1	+ 4·260	+0·22
2607	4852	4·5	Piazzi XIV–150	14 34 30·07	52·37	2	+ 3·645	−0·13
2608		7·8	Taylor 6870	14 34 31·98	52·48	1	+ 4·263	−0·12
2609	4854	6	4 Libræ	14 34 34·06	52·48	2	+ 3·449	−0·13
2610	4855	4·5	107 Virginis μ	14 35 9·63	51·57	2	+ 3·144	−0·05

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2566	148 31 11·55	51·61	3	+16·54	− 0·54	5931	4912				7878
2567	116 10										
2568	118 48 51·12	51·36	2	+16·46	− 0·20	5949	4925				7884
2569	95 26 26·76	51·47	1	+16·45							
2570	102 40 54·87	50·29	1	+16·45							
2571	177 31					5823	4886		327	6	7960
2572	138 50 38·77	51·60	3	+16·41	+ 1·76	5950	4928				7890
2573	91 33 10·45	51·47	1	+16·40					330		
2574	134 38 52·07	50·47	1	+16·40	− 2·38	5951	4930				7892
2575	99 19 42·87	51·47	1	+16·40							
2576	96 13 27·07	51·48	1	+16·39	+ 0·92						7891
2577	156 56 57·21	50·20	3	+16·36	− 0·14	5948	4933				7905
2578	93 34 30·34	51·48	1	+16·32							
2579	114 38 40·10	50·91	2	+16·31	+ 1·67	5971					7911
2580	139 47 18·11	50·44	1	+16·30	+ 1·01	5964	4945		331		7913
2581	93 23 40·58	51·47	1	+16·29							
2582	145 53 54·50	50·97	3	+16·20	+ 1·66	5974	4957				7926
2583	131 26 4·67	51·31	2	+16·19	+ 0·03	5984	4960	247			7925
2584	131 29 42·35	51·31	2	+16·12	+ 1·45	5993	4968	248	332	66	7935
2585	130 51 21·83	50·46	1	+16·12	− 1·63	5994	4969				7936
2586	109 46 41·65	50·29	1	+16·10							
2587	135 35 10·02	50·45	1	+16·09	+ 1·46	5995	4971				7941
2588	129 33 8·52	50·47	1	+16·05	+ 0·33	6002	4981				7946
2589	135 28 31·60	51·32	2	+16·04	+ 1·08	6001	4974				7949
2590	138 46 5·68	50·47	1	+16·03	+ 0·59	6003	4976		333		7952
2591	98 57										
2592	101 39 50·89	51·34	2	+15·96							
2593	135 55 20·36	51·35	2	+15·94	+ 6·03*	6018	4987				7962
2594	150 12					6014	4990		335	29	7965
2595	150 12					6017	4991	249	336	30	7964
2596	168 24 3·82	50·43	1	+15·94	+ 0·97	5980	4980		334		7979
2597	154 19 3·53	50·50	1	+15·89	+ 4·05*	6012	4995				7975
2598	114 22 35·81	50·50	1	+15·87	− 0·18	6031					7970
2599	99 54 14·51	50·52	1	+15·86							
2600	116 4 17·57	50·44	1	+15·86	+ 0·25	6033					7972
2601	136 44 25·51	50·47	1	+15·80	+ 0·57	6034	5007	250	337	56	7986
2602	113 24 31·82	50·29	1	+15·79	+ 1·68	6049					7988
2603	127 8 46·00	50·37	1	+15·77	+ 0·15	6048	5011		338		7994
2604	152 13 50·16	51·27	2	+15·73	+ 2·90	6039	5015				8005
2605	101 35 25·15	50·51	1	+15·70							
2606	144 57 38·03	50·41	1	+15·67	+ 1·33	6057	5024				8010
2607	124 31 26·56	51·29	2	+15·67	+ 0·18	6063	5029		339		8008
2608	144 57						5026				8012
2609	114 21 17·30	50·47	1	+15·66	+ 0·73	6065	5031				8007
2610	95 0 10·37	52·16	1	+15·63	+ 2·34				340		8013

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				h m s			s	s
2611	4857	7	Libræ	14 35 40·22	52·14	3	+3·436	0·00
2612	4856	7	Rumker 387	14 35 40·65	52·42	2	+4·344	−0·04
2613	4858	5	Piazzi XIV–159	14 35 48·27	52·46	2	+3·649	−0·08
2614	4859	6	Octantis	14 36 3·04	52·59	7	+9·561	+0·20
2615	4861	6	Taylor 7882	14 36 28·97	52·41	2	+3·969	−0·44
2616	4865	6	54 Hydræ	14 37 19·93	52·43	2	+3·462	−0·43
2617	4867	7	Piazzi XIV–166	14 37 40·90	51·52	2	+3·389	
2618	4868	6	5 Libræ	14 37 41·85	51·57	2	+3·295	
2619	4872	6·5	Taylor 7894	14 38 10·88	52·42	1	+4·334	+0·04
2620	4875	6·5	Cape 1840 Cat., No. 1923	14 38 21·16	52·47	2	+5·785	+0·06
2621	4876	2·3	36 Boötis ϵ	14 38 26·15	51·87	8	+2·623	+0·01
2622	4877	5·6	55 Hydræ	14 38 39·71	51·55	2	+3·468	−0·06
2623	4879	7	Piazzi XIV–171	14 38 42·65	52·39	2	+3·393	
2624	4880	5	56 Hydræ	14 39 0·17	52·37	2	+3·478	+0·01
2625	4882	5·6	57 Hydræ	14 39 11·82	52·40	2	+3·488	−0·09
2626	4883	6·5	Rumker 391	14 39 14				
2627	4884	7	Cape 1840 Cat., No. 1932	14 39 47·64	51·56	2	+3·468	−0·28
2628	4887	6·7	Lupi	14 40 13·99	52·38	2	+4·202	−0·31
2629	4888	6	Libræ	14 40 39·57	52·38	2	+3·448	−0·21
2630	4889	5·6	Rumker 393	14 40 58·53	52·54	2	+6·547	−0·39
2631	4890	5	7 Libræ μ	14 41 6				
2632	4891	5	58 Hydræ	14 41 29·53	52·54	1	+3·518	−0·56*
2633	4892	4	Lupi o	14 41 52·41	52·46	2	+3·878	−0·30
2634	4894	6	8 Libræ α^1	14 42 23·70	51·21	1	+3·310	
2635	4895	2·3	9 Libræ α^2	14 42 35·30	51·58	28	+3·311	−0·08
2636	4896	6	Bradley 1895	14 43 11				
2637	4898	6	11 Libræ	14 43 14·62	51·54	2	+3·096	
2638	4899	7	Rumker 395	14 43 16·51	52·55	1	+4·664	−0·12
2639	4900	7	10 Libræ	14 43 26·81	52·07	2	+3·350	
2640	4901	6	Taylor 6925	14 43 27				
2641	4904	6·5	Taylor 6930	14 44 3·64	52·54	1	+4·560	−0·57
2642	4908	6·5	Circini θ	14 44 42·51	52·54	2	+4·738	−0·04
2643	4910	7	Libræ	14 45 13·81	52·38	2	+3·452	−0·22
2644	4911	7·6	Taylor 6941	14 45 28·10	52·39	2	+3·535	+0·03
2645	4912	6·7	Centauri	14 45 29·15	52·37	2	+3·638	−0·18
2646	4913	6	12 Libræ	14 45 38·02	51·52	2	+3·465	−0·15
2647	4914	6·5	Taylor 6943	14 45 38·72	52·35	2	+4·211	−0·36
2648	4915	6	13 Libræ ξ^1	14 46 14·64	52·43	2	+3·248	
2649	4916	6	Piazzi XIV–204	14 46 33·25	52·35	2	+3·653	−0·03
2650	4919	7·6	Rumker 398	14 47 57				
2651	4920	7	Hydræ	14 48 9				
2652	4921	7·6	Rumker 399	14 48 34				
2653	4922	5	15 Libræ ξ^2	14 48 38·07	51·71	9	+3·242	+0·11
2654	4924	3·2	Lupi β	14 48 43·84	52·36	4	+3·894	−0·10
2655	4925	7	14 Libræ	14 48 46·00	52·30	2	+3·486	+0·17

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2611	113 29 23·06	50·29	1	+15·60	− 0·70	6075					8015
2612	146 35 52·99	50·35	1	+15·60	− 0·58						8022
2613	124 33 9·22	50·38	1	+15·60	+ 0·54	6071	5039				8018
2614	172 36 39·41	50·46	3	+15·58	− 0·72		5022				8052
2615	136 48 12·69	51·62	3	+15·56	+ 2·58	6073	5045				8028
2616	114 48 9·77	51·48	1	+15·51	+ 3·00	6087					8035
2617	110 32 11·17	50·44	1	+15·49							
2618	104 49 27·66	50·50	1	+15·49			5055				
2619	146 1 52·57	50·98	2	+15·47	+ 0·79	6082	5057				8043
2620	162 33 53·52	51·02	2	+15·45	+ 0·46	6066	5050				8056
2621	62 25									158	8039
2622	114 59 26·62	51·36	2	+15·44	+ 0·94	6097					8044
2623	110 41 31·26	50·54	1	+15·44							
2624	115 27 20·05	50·54	1	+15·42	− 1·08	6102	5060				8051
2625	116 0 53·20	50·37	1	+15·41	− 1·84	6104	5061				8053
2626	172 25 34·10	51·04	3	+15·40	+ 1·16		5046				8083
2627	114 51 48·62	51·48	1	+15·37	− 2·70	6107					8058
2628	142 44 24·78	50·96	2	+15·35	+ 0·43	6103	5068				8065
2629	113 37 22·38	50·89	2	+15·33	+ 1·74	6111					8066
2630	166 2 40·30	51·02	2	+15·31	+ 0·97	6077	5067				8085
2631	103 31 14·96	50·47	1	+15·30	+ 1·55		5077				8069
2632	117 19 54·58	50·47	1	+15·28	+ 1·90	6116	5080		341		8074
2633	132 57 1·37	51·39	2	+15·26	+ 1·11	6114	5081		342		8078
2634	105 22						5084			104	
2635	105 24							251	343	103	8084
2636	107 9 45·53	50·36	1	+15·18							
2637	91 40 16·43	51·47	1	+15·18							
2638	151 15 16·05	50·94	2	+15·18	+ 0·87	6115	5086				8097
2639	107 44 0·56	50·36	1	+15·17							
2640	127 10 55·45	50·91	2	+15·17	+ 0·07	6124	5090				8090
2641	149 29 35·30	50·90	2	+15·13	+ 2·79	6119	5092				8100
2642	152 10 0·50	50·84	2	+15·10	− 0·48	6122	5096				8113
2643	113 21 26·49	51·48	1	+15·06	+ 0·79	6139					8108
2644	117 43 55·11	51·29	2	+15·05	− 1·80	6140	5105				8114
2645	122 41 4·67	51·42	1	+15·05	+ 0·24	6137	5104				8115
2646	114 1 30·11	51·27	2	+15·04	+ 1·34	6143					8116
2647	142 11 45·93	50·95	2	+15·04	+ 0·44	6132	5103				8118
2648	101 16 58·07	50·38	1	+15·01							
2649	123 14 34·75	50·87	2	+14·99	− 1·31	6146	5115				8121
2650	157 22 41·96	50·20	1	+14·91	+ 0·84	6136					8142
2651	115 40 28·17	50·89	2	+14·89	+ 0·46	6161					8134
2652	153 58 11·15	50·53	1	+14·87	+ 0·68	6147					8151
2653	100 48 2·31	50·51	1	+14·87	+ 0·10				345		8137
2654	132 31 31·74	51·23	2	+14·86	− 0·12	6160	5129		344	64	8143
2655	114 50 1·10	51·47	1	+14·86	+ 0·33	6165					8141

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2656	4927	5·6	16 Libræ - - - -	14 49 21·36	51·51	3	+3·129	−0·37
2657	4928	3·4	Centauri - - κ	14 49 25				
2658	4929	7·6	Piazzi XIV–218 - -	14 49 38·23	52·40	2	+3·898	−0·31
2659	4930	6	59 Hydræ - - - -	14 49 47·27	52·34	2	+3·531	−0·02
2660	4932	7	17 Libræ - - - -	14 50 6·17	52·41	1	+3·239	
2661	4935	6·7	18 Libræ - - - -	14 50 47·15	51·97	4	+3·239	
2662	4939	4·5	19 Libræ - - - δ	14 52 57·80	51·63	7	+3·198	
2663	4940	6	60 Hydræ - - - -	14 53 10·68	52·32	2	+3·547	+0·03
2664	4941	6	Piazzi XIV–239 - -	14 53 32·50	51·52	2	+3·105	
2665	4945	7	Piazzi XIV–241 - -	14 54 9·90	52·45	2	+3·183	
2666	4946	7	Piazzi XIV–245 - -	14 54 31·01	52·46	2	+3·188	
2667	4947	7	Piazzi XIV–246 - -	14 54 41·13	52·44	1	+3·354	
2668	4948	4	Lupi - - - π	14 54 55·75	52·33	2	+4·043	−0·12
2669	4950	3·4	20 Libræ - - - -	14 55 18				
2670	4954	6	Piazzi XIV–250 - -	14 55 35·66	52·42	2	+3·862	−0·22
2671	4955	6	Taylor 7015 - - -	14 55 40·26	52·36	2	+4·111	−0·22
2672	4956	8·9	Rumker 404 - -	14 55 48				
2673	4958	6·7	Rumker 406 - -	14 56 58·36	52·19	4	+4·906	+0·12
2674	4959	7	Libræ - - - -	14 56 58				
2675	4960	6·5	Taylor 7029 - - -	14 57 1·50	52·40	2	+4·125	−0·35
2676	4963	6·7	Piazzi XIV–261 - -	14 57 26				
2677	4964	7	Piazzi XIV–262 - -	14 57 30·17	52·46	2	+3·462	
2678	4970	5	21 Libræ - - - ν^1	14 58 16·13	51·59	2	+3·334	
2679	4971	6·7	22 Libræ - - - ν^2	14 58 27·08	51·52	2	+3·338	
2680	4972	7	Libræ - - - -	14 58 31				
2681		6·7	Circini - - - -	14 58 45·28	52·46	1	+4·758	−0·68
2682	4973	5	Lupi - - - λ	14 58 45·75	51·59	2	+4·001	+0·07
2683	4975	7	Rumker 407 - -	14 59 36·94	52·39	2	+5·003	+0·02
2684	4976	6	Cape 1840 Cat., No. 1986	15 0 0·87	52·45	2	+5·601	+0·20
2685	4979	7·6	Libræ - - - -	15 0 5·42	52·55	1	+3·533	−0·10
2686	4977	5·6	Taylor 7053 - - -	15 0 7·25	52·42	2	+4·410	−0·18
2687	4984	7·6	Piazzi XIV–282 - -	15 1 6·93	52·33	2	+3·482	−0·05
2688		7·6	Taylor 7066 - - -	15 1 25·10	52·43	2	+4·269	−0·40
2689	4985	6	Libræ - - - -	15 1 26				
2690	4986	4	Lupi - - - κ	15 1 32·11	52·39	3	+4·134	−0·11
2691	4987	4	Lupi - - - ζ	15 1 32·40	52·43	2	+4·268	−0·31
2692	4988	6	Taylor 7071 - - -	15 1 33·69	52·39	3	+4·134	−0·45
2693	4990	6·7	Taylor 7072 - - -	15 1 53·40	52·44	2	+4·774	−0·07
2694	4994	5·6	Piazzi XIV–288 - -	15 2 46·55	52·12	3	+3·992	−0·24
2695	4995	5·4	24 Libræ - - - ι^1	15 3 40·74	51·53	3	+3·405	−0·04
2696	4996	6	Taylor 7083 - - -	15 3 41·08	52·40	2	+3·756	−0·14
2697	4997	7	B. F. 2065 - - -	15 3 41·51	52·47	2	+3·393	
2698		8	Lupi - - - -	15 3 49·79	52·55	1	+3·905	
2699	4998	7·6	Libræ - - - -	15 4 31·97	52·33	2	+3·489	−0·14
2700	4999	6·7	Taylor 7086 - - -	15 4 32·79	52·37	2	+4·763	−0·04

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2672. The magnitude is taken from the Cape observations.

2698. The magnitude is taken from Brisbane.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2656	93 43 55·64	51·46	1	+14·82	+ 5·30*						8148
2657	131 29 51·85	50·95	2	+14·82	+ 1·44	6170	5133		346	65	8152
2658	132 33 16·48	51·29	2	+14·81	+ 1·37	6173	5135				8158
2659	117 3 5·02	50·36	1	+14·80	− 0·56	6179	5137				8156
2660	100 32 57·04	50·36	1	+14·78							
2661	100 32 16·11	50·36	1	+14·74							
2662	97 55								347		
2663	117 27 44·96	50·95	2	+14·60	+ 0·85	6195	5157				8179
2664	92 9 24·10	50·41	1	+14·57							
2665	96 58 44·43	50·52	1	+14·54							
2666	97 14										
2667	107 2										
2668	136 27 33·93	50·91	2	+14·49	+ 0·79	6201	5166		348		8191
2669	114 41 19·32	50·37	1	+14·47	− 0·05	6212	5169	252	349		8192
2670	130 28 38·58	51·23	2	+14·45	+ 0·73	6209	5171				8195
2671	138 17 40·65	50·95	2	+14·45	− 0·14	6205	5170				8197
2672	154 3 13·33	50·37	2	+14·44							
2673	153 3					6207	5176				8215
2674	115 12 5·51	50·88	2	+14·37	+ 1·02	6224					8206
2675	138 30 14·54	51·39	2	+14·36	− 0·06	6217	5179				8209
2676	113 32 30·21	51·14	3	+14·34	+ 3·92	6228					8210
2677	112 44										
2678	105 40 18·08	50·54	1	+14·29							
2679	105 53 58·68	50·42	1	+14·28							
2680	113 36 38·16	50·92	2	+14·27	+ 1·82	6235					8221
2681	150 50					6223					8228
2682	134 41 53·83	50·90	2	+14·26	− 0·57	6232	5185		350		8225
2683	153 57 55·47	50·53	1	+14·21	+ 0·81						8235
2684	159 30 25·11	50·27	2	+14·18	+ 0·77	6222	5189				8242
2685	115 54					6244					8234
2686	144 46 10·40	50·98	2	+14·17	+ 1·34	6236	5193				8236
2687	113 24 31·31	49·87	3	+14·11	− 0·09						8243
2688	141 31 50·20	51·03	2	+14·10	+ 1·62		5203				8250
2689	115 45 25·23	50·98	2	+14·09	− 0·75	6253					8246
2690	138 9 45·28	50·96	2	+14·09	− 0·04	6246	5205		352		8251
2691	141 31 25·42	51·03	2	+14·09	+ 1·65	6245	5204		351		8253
2692	138 10 7·25	50·96	2	+14·08	+ 2·21		5207				8252
2693	150 46 20·88	51·01	2	+14·06	− 1·38	6241	5209				8256
2694	133 55 45·05	50·92	2	+14·01	− 0·08	6257	5219				8259
2695	109 13 11·88	50·44	1	+13·95	+ 0·60						8261
2696	125 31 19·39	51·55	1	+13·95	− 0·62	6263	5221				8262
2697	108 32 9·17	50·96	2	+13·95							
2698	130 55						5222				
2699	113 26 24·37	50·91	2	+13·90	+ 1·04	6271					8265
2700	150 20 28·62	50·88	2	+13·90	− 0·93	6259	5225				8272

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2701	5002	7·6	23 Libræ	15 4 43·43	52·47	2	+ 3·515	−0·93*
2702	5003	6·7	25 Libræ ι^2	15 4 46·97	52·02	2	+ 3·404	
2703	5004	6	Circini δ	15 4 52·07	52·45	2	+ 4·770	+0·08
2704	5006	6	Taylor 7093	15 5 0·87	52·01	2	+ 3·534	−0·11
2705	5007	5·6	Circini ϵ	15 5 2·02	52·52	1	+ 4·971	+0·05
2706	5008	6·7	Piazzi XV–9	15 5 6·37	52·54	2	+ 3·249	
2707	5009	6	1 Lupi	15 5 26·77	52·56	2	+ 3·651	−0·03
2708	5010	6·7	Taylor 7097	15 5 29·24	52·53	2	+ 4·127	−0·13
2709	5011	4·5	Circini β	15 5 48·92	52·45	2	+ 4·636	−0·35
2710	5012	7·6	Taylor 7102	15 5 52·96	52·53	1	+ 4·128	−0·28
2711	5014	7	Piazzi XV–14	15 5 59·77	52·47	1	+ 3·383	
2712		9	Taylor 7105	15 6 1·85	52·55	1	+ 3·385	
2713	5015	7	26 Libræ	15 6 6				
2714	5016	7·6	Taylor 7104	15 6 10·21	52·56	1	+ 3·973	−0·05
2715	5017	6	Piazzi XV–11	15 6 13·30	52·55	1	+ 3·912	−0·32
2716	5018	7	Libræ	15 6 16·51	52·55	1	+ 3·572	+0·07
2717	5020	7·6	Libræ	15 6 41				
2718	5021	5·6	Taylor 7111	15 6 47·07	52·46	1	+ 4·752	−0·02
2719	5023	6	Piazzi XV–19	15 7 41·92	52·47	2	+ 3·462	−0·12
2720	5025	7	Taylor 7118	15 7 44·95	51·92	4	+ 4·130	0·00
2721	5027	7	Libræ	15 8 1·52	52·46	1	+ 3·495	+0·10
2722	5028	4·5	Lupi μ	15 8 7·54	52·02	4	+ 4·132	−0·20
2723	5029	7·6	Taylor 7122	15 8 9·39	51·58	1	+ 4·132	−0·34
2724	5032	5	2 Lupi	15 8 43·00	52·52	2	+ 3·628	−0·13
2725	5034	2	27 Libræ β	15 8 56·45	51·85	23	+ 3·223	+0·03
2726	5035	6	Piazzi XV–23	15 9 7·44	52·46	2	+ 3·902	−0·17
2727	5037	6·5	Octantis ρ	15 9 32·57	52·61	11	+ 12·354	−0·06
2728	5038	7	Libræ	15 9 47·36	51·52	1	+ 3·518	0·00
2729	5039	7	Libræ	15 10 22·00	52·36	2	+ 3·504	−0·14
2730	5040	7	Cape 1840 Cat., No. 2013	15 10 44·38	52·48	2	+ 4·689	+0·10
2731		7	Circini	15 10 52·35	52·48	2	+ 4·692	−0·46
2732	5041	7	Libræ	15 10 52·77	52·47	2	+ 3·505	−0·10
2733	5042	6	Rumker 418	15 11 3·94	52·51	2	+ 4·793	−0·33
2734	5043	7	Piazzi XV–32	15 11 17·34	52·02	2	+ 3·220	
2735	5044	5·4	Circini γ	15 11 28·45	52·50	2	+ 4·706	−0·01
2736	5045	7	Libræ	15 11 30·24	52·38	1	+ 3·592	−0·08
2737	5046	4·3	Lupi δ	15 11 32·81	52·55	1	+ 3·906	−0·18
2738	5049	5·6	Lupi ν^1	15 11 42·85	51·99	4	+ 4·149	−0·46
2739	5051	7·6	Libræ	15 11 48·03	52·58	1	+ 3·543	−0·19
2740	5052	6·5	Cape 1840 Cat., No. 2020	15 12 10·64	52·55	1	+ 5·504	+0·47
2741	5053	7	Rumker 422	15 12 14·24	52·52	2	+ 4·151	−1·02*
2742	5054	4·5	Lupi ϕ^1	15 12 18·06	52·57	1	+ 3·786	−0·16
2743	5055	6	28 Libræ	15 12 23·82	52·54	1	+ 3·387	
2744	5056	3	Lupi ϵ	15 12 31·21	52·42	1	+ 4·037	−0·20
2745	5057	6·7	29 Libræ o^1	15 12 38·74	52·45	1	+ 3·338	

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2712. The magnitude is taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2701	114 44 23·21	50·53	1	+13·89	+ 0·67	6273					8268
2702	109 4 44·25	50·38	1	+13·88							
2703	150 23 42·00	50·88	2	+13·88	+ 1·11	6262	5229				8273
2704	115 37 39·78	50·54	1	+13·87	+ 0·04	6275	5233				8271
2705	153 2 59·41	50·64	3	+13·87	+ 1·21	6260	5231				8277
2706	100 26 19·99	50·57	1	+13·86							
2707	120 57 17·58	50·55	1	+13·84	− 0·15	6277	5237				8274
2708	137 30 36·81	50·97	3	+13·84	+ 1·93	6270	5235				8278
2709	148 14 8·71	51·06	2	+13·82	+ 3·33	6266	5236		354		8284
2710	137 28					6274	5238				8281
2711	107 51 49·03	50·42	1	+13·81							
2712	107 52 24·17	50·42	1	+13·81							
2713	107 12 16·28	50·58	1	+13·80							
2714	132 55 24·99	50·97	2	+13·79	− 0·85	6278	5242				8285
2715	130 55 47·89	51·05	2	+13·79	− 0·81	6280	5243				8286
2716	117 17 38·55	51·48	1	+13·79	+ 1·85	6287					8283
2717	117 2 8·94	50·88	2	+13·76	− 1·03	6291					8290
2718	149 56 22·53	51·01	2	+13·75	− 1·04	6272	5249				8297
2719	111 50 27·62	50·52	1	+13·70	− 1·36		5259				8301
2720	137 20						5257				8305
2721	113 27 7·66	50·36	1	+13·68	+ 1·34	6301					8304
2722	137 19 4·63	50·30	3	+13·67	+ 0·28	6296	5260		355		8307
2723	137 19 23·07	50·37	1	+13·67	− 0·80		5261				8308
2724	119 35 33·31	50·39	1	+13·63	+ 0·25	6304	5266		356		8312
2725	98 49						5270	254	357	114	8313
2726	130 14 2·13	50·31	2	+13·61	+ 0·23	6303	5268				8317
2727	173 56					6216	5240				8363
2728	114 26 45·38	51·02	2	+13·56	+ 1·54	6316					8320
2729	113 42 44·68	51·48	2	+13·53	+ 2·49	6317					8325
2730	148 37 3·68	51·02	2	+13·50	− 9·52*		5277				8334
2731	148 35						5278				8335
2732	113 43 6·83	51·52	2	+13·49	+ 2·76	6325					8328
2733	150 6 41·24	50·89	2	+13·48	− 0·53	6309	5280				8339
2734	98 35 40·31	51·52	1	+13·47							
2735	148 46 30·16	51·21	4	+13·45	+ 1·33	6312	5283				8346
2736	117 44 15·84	50·89	2	+13·45	+ 1·65	6330					8336
2737	130 5 59·59	51·03	2	+13·45	+ 0·34	6326	5285		358		8340
2738	137 22 35·70	50·95	2	+13·44	+ 4·19	6322	5286		359		8345
2739	115 26 12·82	50·94	2	+13·43	+ 3·40	6334					8341
2740	157 46 13·41	50·19	2	+13·41	− 0·44	6308	5284				8357
2741	137 21 57·73	50·95	2	+13·40	+ 7·06*		5291				8348
2742	125 42 46·64	50·50	1	+13·40	+ 1·30	6335	5293		360		8347
2743	107 36 34·14	50·42	1	+13·39							
2744	134 8 44·46	50·91	2	+13·39	− 1·91	6333	5294		361		8352
2745	105 0 13·10	50·29	1	+13·38							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2746	5060	5	Lupi - - - ϕ^2	15 13 35·31	51·58	1	+3·806	−0·23
2747	5063	6	30 Libræ - - - o^2	15 14 40·31	52·47	2	+3·332	−0·62
2748	5065	6·5	Lupi . - - v	15 14 58·36	52·47	2	+3·890	−0·27
2749	5066	7	Taylor 7172 - - -	15 15 3·25	52·47	2	+3·578	+0·01
2750	5068	6	Apodis - - κ^1	15 15 17·21	52·49	2	+6·335	+0·14
2751	5069	5	Piazzi XV–52 - -	15 15 37·71	52·43	2	+3·864	−0·26
2752	5070	6	Piazzi XV–54 - -	15 15 39·03	52·49	1	+3·282	
2753	5073	7	8 Serpentis - - -	15 16 0·06	51·55	2	+3·079	
2754	5074	5·6	31 Libræ - - - ϵ	15 16 4·44	51·56	2	+3·245	
2755	5080	6·7	Rumker 425 - - -	15 17 32				
2756	5081	7	Rumker 426 - - -	15 17 42·47	52·15	3	+4·685	+0·13
2757	5082	6	Piazzi XV–64 - -	15 17 42·50	51·58	1	+3·815	+0·10
2758	5083	7·8	Rumker 427 - - -	15 17 58				
2759	5086	5·6	Taylor 7201 - - -	15 18 59·37	52·45	2	+4·135	−0·17
2760	5088	6	Cape 1840 Cat., No. 2032	15 19 35·51	52·54	2	+7·648	−0·68*
2761	5087	7	Taylor 7207 - - -	15 19 39·23	52·42	1	+4·421	−0·36
2762	5089	4	32 Libræ - - - ζ^1	15 19 48·24	51·81	3	+3·368	−0·01
2763	5090	7·6	Taylor 7212 - - -	15 19 52·90	52·46	2	+3·623	−0·08
2764	5093	7·6	Rumker 429 - - -	15 20 26				
2765		6·7	Cape 1840 Cat., No. 2039	15 20 58				
2766	5096	7	33 Libræ - - - ζ^2	15 21 6·07	51·58	2	+3·383	
2767	5099	7	Taylor 7224 - - -	15 21 42·56	52·48	2	+3·381	
2768	5100	6	34 Libræ - - - ζ^3	15 22 13·13	51·56	2	+3·368	
2769	5101	7	Rumker 430 - - -	15 22 40·08	52·44	1	+4·637	+0·02
2770	5103	5·4	Trianguli Aust. - ϵ	15 23 3·39	52·44	1	+5·376	+0·06
2771	5104	7	Piazzi XV–91 - -	15 23 6·06	51·59	2	+3·440	
2772	5105	7·6	Libræ - - - -	15 23 24·89	52·46	2	+3·519	+0·02
2773	5107	6	Cape 1840 Cat., No. 2042	15 23 38·33	52·54	3	+7·108	+0·07
2774	5106	7	Rumker 433 - - -	15 23 40·34	52·46	2	+4·663	−0·47
2775	5108	5·6	Apodis - - κ^2	15 23 50·64	52·51	3	+6·456	−0·35
2776	5109	6·7	Piazzi XV–96 - -	15 24 0·22	51·54	2	+3·432	
2777	5110	7	Libræ - - - -	15 24 11·43	52·51	2	+3·562	−0·05
2778	5111	7	Libræ - - - -	15 24 16·78	52·48	1	+3·533	+0·14
2779	5111	7	Libræ - - - -	15 24 17·67	52·48	1	+3·533	−0·17
2780	5112	6	35 Libræ - - - ζ^4	15 24 27·27	52·48	2	+3·376	
2781	5118	3·2	Lupi - - - γ	15 25 9·91	52·54	2	+3·967	−0·13
2782	5119	6	11 Serpentis - - -	15 25 14·40	51·57	3	+3·083	
2783	5121	6·5	36 Libræ - - - -	15 25 32·43	52·53	2	+3·615	−0·11
2784	5123	5	Piazzi XV–99 - -	15 25 34·76	52·55	2	+4·096	−0·01
2785	5124	5·6	Taylor 7255 - - -	15 25 56·98	52·51	2	+4·077	−0·20
2786	5125	4	37 Libræ - - - -	15 25 59·22	51·83	4	+3·247	
2787	5127	7	Libræ - - - -	15 26 12				
2788	5128	7	Libræ - - - -	15 26 19·38	52·56	2	+3·564	+0·07
2789	5129	5·6	Libræ - - - -	15 26 20·73	52·59	2	+3·230	
2790	5133	7·6	Libræ - - - -	15 27 4				

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2746	126 18 56·25	50·43	1	+13·32	+ 1·87	6349	5299				8361
2747	104 35 41·45	50·38	1	+13·25	+ 1·04						8367
2748	129 10 13·83	50·27	1	+13·23	+ 2·69	6356	5308				8374
2749	116 45 55·51	50·38	1	+13·22	− 0·13	6360	5309				8371
2750	162 51 39·87	50·40	2	+13·20	+ 1·34	6323	5302				8386
2751	128 11 51·10	51·55	1	+13·18	− 0·11	6361	5313				8378
2752	101 49 49·03	50·96	2	+13·18							
2753	90 29 1·74	50·39	1	+13·16							
2754	99 46 45·34	50·38	1	+13·15							
2755	141 4 8·54	50·28	2	+13·06	+ 0·74	6373	5331				8399
2756	147 49 20·28	51·50	2	+13·05	+ 2·45	6370	5333				8403
2757	126 14 11·95	50·89	2	+13 04	+ 0·29	6376	5334				8397
2758	149 57 52·60	51·52	1	+13·03	+ 1·32						8404
2759	136 12 25·94	50·92	2	+12·96	+ 0·42	6380	5344				8411
2760	167 24 8·18	50·90	2	+12·91	+ 3·48*	6348	5336				8432
2761	142 51 3·30	50·87	2	+12·91	+ 1·75	6383	5345				8418
2762	106 11 22·06	51·01	2	+12·90	− 0·20						8414
2763	118 20 24·92	50·32	2	+12·90	+ 0·01	6395	5349				8417
2764	158 22 24·29	51·48	2	+12·86	+ 0·49						8429
2765	146 53 22·66	51·52	1	+12·83	+ 0·49	6389	5355				8431
2766	106 55 9·68	50·96	2	+12·82							
2767	106 44 2·37	51·55	1	+12·78							
2768	106 5 25·26	50·37	1	+12·74							
2769	146 33 34·04	50·20	2	+12·71	+ 0·77	6400	5371				8443
2770	155 48 20·18	50·87	2	+12·69	− 0·21	6398	5372		362		8450
2771	109 38 50·65	50·43	1	+12·68							
2772	113 21 54·35	50·92	2	+12·66	+ 0·50	6414					8445
2773	165 34 47·94	50·88	2	+12·64	− 0·57	6381	5368				8465
2774	146 54 26·14	50·90	2	+12·64	+ 1·30	6407	5375				8452
2775	162 56					6390	5373				8463
2776	109 9 19·19	50·36	1	+12·62							
2777	115 17 12·42	50·35	1	+12·61	+ 0·53	6419					8451
2778	113 58 31·72	51·12	3	+12·60	+ 2·16	6420					8453
2779	113 58 36·46	51·56	2	+12·60	+ 1·77						8454
2780	106 20 24·30	50·52	1	+12·59							
2781	130 39 27·01	50·92	2	+12·54	+ 0·10	6422	5380	255	363	68	8464
2782	90 40 25·44	51·58	1	+12·54							
2783	117 32 15·19	50·41	2	+12·52	− 1·48	6430	5385				8467
2784	134 27 4·86	50·87	2	+12·51	− 0·89	6424	5384				8468
2785	133 53 21·27	50·99	2	+12·49	+ 0·92	6427	5388				8471
2786	99 32 40·72	51·52	1	+12·49					364		
2787	118 32 34·63	51·13	3	+12·47	+ 0·90	6433					8472
2788	115 13 37·85	50·92	2	+12·46	+ 0·16	6436					8473
2789	98 40 29·15	50·56	1	+12·46							
2790	118 29 41·84	50·92	2	+12·41	− 0·41	6442					8479

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				h m s			s	s
2791	5134	4·5	38 Libræ - - - γ	15 27 8·42	51·48	3	+3·338	
2792	5137	6·7	Cape 1840 Cat., No. 2051	15 27 42·89	52·47	2	+4·851	−0·42
2793	5138	4	39 Libræ - - - -	15 27 55·81	52·47	2	+3·622	−0·19
2794	5139	5·6	Piazzi XV–113 - -	15 27 58·14	52·48	2	+4·022	−0·05
2795	5141	7	Rumker 438 - -	15 27 59·63	52·56	2	+5·112	+0·02
2796	5142	7	Libræ - - - -	15 28 6·98	52·17	3	+3·585	−0·09
2797	5143	2	5 Coronæ Bor. - α	15 28 20·21	51·77	9	+2·528	+0·02
2798	5144	6	Taylor 7273 - - -	15 28 25·19	52·54	2	+4·660	−0·21
2799	5145	7·6	Piazzi XV–118 - -	15 28 29·27	52·52	2	+3·580	−0·10
2800	5148	6	14 Serpentis - - A^1	15 28 52·22	52·54	2	+3·072	
2801	5149	7	Piazzi XV–120 - -	15 29 9·19	52·47	1	+3·626	−0·02
2802	5151	4·5	40 Libræ - - -	15 29 27·10	51·59	2	+3·664	+0·06
2803	5154	7	Piazzi XV–125 - -	15 29 38·43	51·57	3	+3·335	
2804	5156	7	Rumker 440 - - -	15 29 58				
2805	5158	7	Piazzi XV–132 - -	15 30 7·73	52·02	2	+3·336	
2806	5159	7·6	Taylor 7286 - - -	15 30 13·55	52·46	2	+4·474	−0·15
2807	5160	5·4	3 Lupi - - - ψ^1	15 30 15				
2808	5161	6	41 Libræ - - - -	15 30 17·05	52·48	2	+3·432	
2809	5163	7	Taylor 7293 - - -	15 30 31				
2810		7·6	Piazzi XV–129 - -	15 30 32·50	52·45	1	+4·103	−0·20
2811	5165	5·6	Piazzi XV–134 - -	15 30 54·04	52·48	2	+4·104	−0·15
2812	5166	6	42 Libræ - - - -	15 31 25·39	52·49	2	+3·530	−0·14
2813	5167	7	Taylor 7304 - - -	15 32 21·59	52·55	1	+3·659	+0·04
2814	5169	7	Taylor 7305 - - -	15 32 26·80	52·47	2	+3·656	−0·20
2815	5170	7·6	Rumker 443 - -	15 32 32·72	52·08	3	+4·398	−0·21
2816		7	Normæ - - -	15 32 50·35	50·55	2	+4·537	
2817	5171	6·5	Piazzi XV–141 - -	15 32 54·43	52·54	2	+3·876	−0·37
2818	5172	7·6	Taylor 7307 - - -	15 32 56·12	52·50	2	+4·413	−0·18
2819	5173	5·6	4 Lupi - - - ψ^2	15 33 8				
2820	5174	7·6	Normæ - - -	15 33 15·00	52·55	2	+4·336	−0·28
2821	5176	5·6	43 Libræ - - - κ	15 33 18·72	51·55	3	+3·444	−0·05
2822	5179	6	Cape 1840 Cat., No. 2067	15 34 0·40	52·48	1	+4·366	−0·43
2823	5182	6	Cape 1840 Cat., No. 2068	15 34 16·23	52·56	1	+5·374	−0·20
2824	5184	7	Piazzi XV–150 - -	15 34 20·50	51·58	2	+3·370	
2825	5186	7·6	Rumker 446 - -	15 34 48·11	52·46	2	+4·771	+0·08
2826	5188	7	Bradley 1987 - -	15 35 0·65	52·56	2	+3·351	
2827	5190	4·5	44 Libræ - - - η	15 35 38·46	51·79	9	+3·364	
2828	5193	7·6	Rumker 447 - -	15 36 27·59	52·56	2	+4·939	−0·06
2829	5195	7	Cape 1840 Cat., No. 2073	15 36 31·83	52·61	1	+3·685	−0·18
2830	5196	2·3	24 Serpentis - - α	15 36 52·96	51·93	25	+2·939	−0·01
2831	5197	7·8	Libræ - - - -	15 36 54·73	52·50	2	+3·559	−0·15
2832	5198	7·6	Scorpii - - -	15 37 5				
2833	5199	6	Piazzi XV–161 - -	15 37 10·19	52·01	2	+3·809	−0·07
2834	5200	7·8	Taylor 7334 - - -	15 37 17·61	52·17	3	+4·561	−0·03
2835	5201	7·8	Rumker 449 - -	15 37 24·89	52·14	3	+4·563	+0·02

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2791	104 17 7·56	50·35	1	+12·41					365		
2792	149 24 6·76	50·78	3	+12·37	+ 6·24*	6431	5394				8488
2793	117 38 1·81	50·54	2	+12·35	− 0·80	6445	5400		366		8484
2794	132 4 12·01	50·50	1	+12·35	+ 0·51	6443	5399				8487
2795	152 41 55·20	51·02	2	+12·35	+ 0·75						8492
2796	115 59 28·49	50·92	2	+12·34	− 0·61	6446					8485
2797	62 46									157	8483
2798	146 25 2·41	50·91	2	+12·32	+ 0·98	6440	5401				8495
2799	115 46 50·13	50·37	1	+12·31	− 4·51	6450	5404				8489
2800	90 3 35·51	51·52	1	+12·29							
2801	117 42 29·19	50·46	1	+12·27	+ 0·34	6454					8497
2802	119 16 48·62	50·54	1	+12·25	− 0·63	6455	5406		367		8498
2803	104 1 54·72	50·49	1	+12·23							
2804	156 1 52·87	51·02	2	+12·21	+ 0·63						8510
2805	104 1 2·01	50·49	1	+12·20							
2806	142 53 56·79	51·05	2	+12·19	+ 2·03	6451	5408				8508
2807	123 55 3·09	50·56	1	+12·19	+ 0·30	6463	5410				8502
2808	108 48 12·40	50·52	1	+12·19							
2809	117 8 59·62	51·03	2	+12·17	− 1·33	6469	5414				8506
2810	134 7					6461	5412				8509
2811	134 9 34·75	50·57	1	+12·15	− 1·61	6464	5416				8513
2812	113 19 33·62	50·55	1	+12·11	+ 0·58	6479	5423				8516
2813	118 48					6485	5431				8523
2814	118 41 51·81	50·43	1	+12·04	+ 0·91		5432				8524
2815	141 8 38·23	51·00	2	+12·03	+ 1·46	6476	5428				8526
2816	143 50 10·50	50·27	4	+12·01							
2817	126 56 19·13	50·42	1	+12·01	− 0·98	6486	5437				8528
2818	141 25 14·96	51·16	3	+12·00	− 0·68	6480	5434				8534
2819	124 13 26·48	50·38	1	+11·99	+ 0·66	6489	5440				8533
2820	139 43 53·92	50·32	4	+11·98	+ 0·41	6483	5439				8537
2821	109 11 17·98	50·36	1	+11·98	+ 3·27				368		8532
2822	140 18 17·32	50·87	2	+11·93	− 1·77	6488	5445				8542
2823	154 57 54·17	50·87	3	+11·91	− 0·24	6477	5442				8549
2824	105 31 42·27	50·37	1	+11·91							
2825	147 38 48·98	51·04	2	+11·87	+ 0·86	6490	5450				8550
2826	104 33 28·45	50·28	1	+11·86							
2827	105 11 26·23	50·44	1	+11·81					369		
2828	149 53 56·81	51·12	3	+11·76	− 0·88	6497	5458				8561
2829	119 33 52·96	50·94	2	+11·75	+ 0·68	6509	5462				8558
2830	83 5						5473			134	8557
2831	114 14 22·17	50·94	2	+11·73	+ 0·69		5464				8559
2832	117 35 10·93	50·94	2	+11·71	− 0·44	6516					8560
2833	124 12 29·17	50·26	1	+11·71	+ 0·65	6514	5468				8563
2834	143 55 31·41	50·92	2	+11·70	− 0·10		5465				8572
2835	143 56 9·03	50·92	2	+11·69	− 0·15						8574

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				h m s			s	s
2836	5202	6·7	Lupi - - - -	15 37 45·68	52·47	2	+3·903	−1·20*
2837	5206	6	25 Serpentis - - A^2	15 38 20·45	51·58	2	+3·096	
2838	5208	8	Serpentis - - -	15 38 38·59	52·55	2	+3·139	
2839	5209	6	Cape 1840 Cat., No. 2079	15 38 46·04	52·46	2	+4·505	−0·30
2840	5211	7	Scorpii - - -	15 38 55·08	52·45	1	+3·592	0·00
2841	5212	7	Scorpii - - -	15 39 5·23	52·58	2	+3·574	−0·23
2842	5213	6	Cape 1840 Cat., No. 2080	15 39 7·68	52·58	2	+4·303	−0·23
2843	5215	7·8	Taylor 7346 - - -	15 39 11·68	51·55	2	+3·659	−0·08
2844	5217	7·6	Rumker 451 - -	15 39 17				
2845	5218	6	Cape 1840 Cat., No. 2082	15 39 29·21	52·31	2	+4·609	−0·13
2846	5220	7	Scorpii - - -	15 39 33·44	51·59	1	+3·543	−0·02
2847	5221	7	Scorpii - - -	15 39 38·16	52·49	1	+3·677	−0·13
2848	5222	6	Taylor 7350 - - -	15 39 47·21	52·52	2	+4·163	−0·21
2849	5224	6·5	Trianguli Aust. - κ	15 40 44·85	52·60	2	+5·808	−0·14
2850	5225	6	Lupi - - - -	15 40 53·98	52·49	2	+4·232	−0·48
2851	5226	6·7	30 Serpentis - - -	15 41 5·65	52·04	2	+3·135	
2852	5227	4·3	5 Lupi - - - χ	15 41 26·42	52·47	2	+3·790	−0·20
2853	5228	6·7	Scorpii - - -	15 41 33·09	52·46	1	+3·604	−0·22
2854	5229	7	Lupi - - - -	15 41 44·52	52·46	2	+4·165	−0·28
2855	5231	6·7	Normæ - - -	15 41 47·67	52·57	2	+4·391	−0·03
2856	5230	3·4	32 Serpentis - - μ	15 41 47·80	52·51	2	+3·128	−0·03
2857	5232	5	1 Scorpii - - b	15 41 58·26	51·58	2	+3·591	−0·38
2858	5233	3	Trianguli Aust. - β	15 41 58				
2859	5235	6	Rumker 453 - -	15 42 13				
2860	5239	7·6	Rumker 454 - -	15 42 46·84	52·46	2	+4·543	−0·07
2861	5240	6·7	Taylor 7369 - - -	15 42 57·86	52·45	1	+3·694	−0·50*
2862	5242	6	Taylor 7367 - - -	15 43 0·73	52·46	2	+4·964	−0·14
2863	5243	7	Scorpii - - -	15 43 0·88	51·92	2	+3·611	−0·06
2864	5246	5·6	36 Serpentis - - b	15 43 27·10	51·59	2	+3·122	
2865	5247	6	Rumker 456 - -	15 43 29				
2866	5250	6	2 Scorpii - - A	15 44 36·89	52·51	3	+3·586	−0·14
2867	5251	4	45 Libræ - - - λ	15 44 38·10	52·00	2	+3·469	
2868	5253	6	Bradley 2009 - -	15 44 56·84	52·48	2	+3·567	−0·02
2869	5254	6	Piazzi XV–192 - -	15 45 0·90	52·51	2	+3·555	−0·21
2870	5256	6	Trianguli Aust. - λ	15 45 15·86	52·54	2	+5·413	−0·11
2871	5257	4·5	46 Libræ - - - θ	15 45 17·40	51·58	13	+3·396	
2872	5258	6·7	Scorpii - - -	15 45 22·79	52·53	2	+3·635	−0·03
2873	5260	6·7	3 Scorpii - - -	15 45 39·83	52·53	2	+3·585	−0·22
2874	5261	7	Scorpii - - -	15 46 8·11	51·58	1	+3·731	−0·12
2875	5263	6	Normæ - - -	15 46 16·22	52·46	2	+4·298	−0·38
2876	5264	7	47 Libræ - - - -	15 46 20·73	51·91	3	+3·454	
2877	5265	6·5	4 Scorpii - - -	15 46 26				
2878	5266	7	Scorpii - - -	15 46 36·47	52·45	1	+3·623	−0·10
2879	5267	6	Piazzi XV–199 - -	15 46 48				
2880	5268	6	Lupi - - - ξ	15 47 18·74	52·49	2	+3·812	+0·03

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2836	127 26 9·62	50·43	1	+11·66	+ 6·26*	6521	5478				8573
2837	91 19										
2838	93 35 15·85	51·27	1	+11·60							
2839	142 44 32·54	50·91	2	+11·59	+ 0·23	6520	5484				8581
2840	115 31 4·69	50·96	2	+11·58	− 0·33	6530					8579
2841	114 44 45·83	50·97	2	+11·57	+ 1·43	6532					8580
2842	138 26 46·51	50·39	1	+11·57	+ 1·10	6525	5485				8585
2843	118 19 13·28	50·50	1	+11·56	+ 0·34	6531	5488				8582
2844	154 41 30·49	50·98	2	+11·55	+ 0·26	6507					8593
2845	144 35 30·25	51·13	3	+11·54	+ 1·87	6524	5486				8591
2846	113 21 59·25	50·91	2	+11·53	+ 0·33	6537					8586
2847	119 0 59·38	50·98	2	+11·53	− 0·64	6535					8588
2848	134 56 11·17	50·52	1	+11·52	+ 0·44	6529	5489				8592
2849	158 8 52·66	51·04	2	+11·45	+ 0·02	6518	5491				8607
2850	136 35 55·99	50·27	1	+11·44	+ 1·09	6539	5494				8598
2851	93 21 17·01	51·52	1	+11·42							
2852	123 9 56·08	50·54	1	+11·40	− 0·22	6548	5499		270		8602
2853	115 49 40·21	50·97	2	+11·39	− 0·89	6553					8603
2854	134 49 35·87	50·54	2	+11·38	− 1·24	6547	5501				8609
2855	140 9 29·96	51·06	2	+11·37	+ 0·97	6543	5500				8611
2856	92 58								372		8604
2857	115 17 26·38	50·44	1	+11·36	+ 1·02	6557			373		8608
2858	152 57 39·57	51·06	2	+11·36	− 0·61	6533	5497	256	371	23	8612
2859	150 17 24·69	50·97	2	+11·34	+ 0·17	6540					8614
2860	143 7 42·61	50·89	2	+11·30	+ 1·36	6551					8619
2861	119 25 35·11	51·43	1	+11·29	+ 3·09	6562	5511				8615
2862	149 43 24·92	51·22	3	+11·29	+ 2·01	6546	5507				8620
2863	116 3 59·79	50·91	2	+11·29	− 0·12	6563					8616
2864	92 37 56·59	51·52	1	+11·25							
2865	150 1 48·32	50·98	2	+11·25	+ 0·88	6550					8625
2866	114 52 28·29	50·34	2	+11·17	+ 0·70	6574	5521		374		8628
2867	109 42 51·37	50·28	1	+11·17					375		
2868	114 4 53·87	50·35	1	+11·15	− 0·05	6576					8630
2869	113 31 35·21	50·52	1	+11·14	+ 1·29	6579					8632
2870	154 35 41·39	50·86	2	+11·12	+ 0·14	6559	5519				8643
2871	106 17 5·38	50·57	1	+11·12				257	376		
2872	116 53 19·16	50·92	2	+11·11	+ 0·23	6581					8638
2873	114 47 39·02	50·32	4	+11·09	+ 1·15	6583					8640
2874	120 38 17·70	50·99	2	+11·06	− 0·81	6585	5530				8644
2875	137 42 50·58	50·26	2	+11·05	+ 4·06	6580	5529				8649
2876	108 56 8·83	50·53	1	+11·04							
2877	115 49 11·19	50·29	1	+11·04	− 2·04	6586					8647
2878	116 17 55·11	51·12	3	+11·02	+ 1·71	6588					8650
2879	121 20 30·88	50·55	1	+11·01	− 0·10	6587	5533				8653
2880	123 31 19·82	50·86	2	+10·97	+ 0·85	6592	5535				8655

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				h m s			s	s
2881	5269	6·7	Piazzi XV–205 - -	15 47 19·47	52·49	2	+3·812	−0·04
2882	5272	5	5 Scorpii - - ρ	15 47 37·95	52·52	2	+3·686	−0·01
2883	5275	7	Scorpii - - -	15 48 4·74	52·47	2	+3·647	−0·17
2884	5276	7	Serpentis - - -	15 48 8·61	51·59	2	+3·104	
2885	5277	5·6	Taylor 7403 - - -	15 48 19·74	52·49	2	+4·592	−0·22
2886	5278	7	Piazzi XV–210 - -	15 48 25·61	52·49	2	+3·503	
2887	5280	7	Piazzi XV–213 - -	15 48 54·42	52·04	2	+3·550	
2888	5281	6	B. F. 2173 - - -	15 48 54·84	52·47	1	+3·492	
2889	5282	6·7	Taylor 7408 - - -	15 49 18·40	52·53	2	+4·060	−0·26
2890	5283	6	Taylor 7409 - - -	15 49 27·11	52·46	2	+4·629	−0·43
2891	5286	6	Scorpii - - -	15 49 35·80	52·51	2	+3·582	−0·17
2892	5288	6·7	Trianguli Aust. - -	15 49 44				
2893	5289	4	6 Scorpii - - π	15 49 47·27	51·59	2	+3·612	−0·14
2894	5290	4·5	48 Libræ - - -	15 49 47·88	52·04	2	+3·348	
2895	5291	7	B. F. 2178 - - -	15 50 5·70	51·93	2	+3·331	
2896	5292	4	Lupi - - - η	15 50 11·96	52·58	1	+3·951	−0·21
2897	5294	7·6	Scorpii - - - -	15 50 20				
2898	5296	7	Scorpii - - - -	15 50 20·69	52·59	1	+3·713	−0·21
2899	5297	7	Scorpii - - - -	15 50 21·62	52·45	1	+3·701	−0·37
2900	5299	7·6	Taylor 7419 - - -	15 50 28				
2901	5300	7·6	Taylor 7422 - - -	15 51 1·46	52·50	1	+5·035	−0·02
2902	5301	4·5	Normæ - - ι^1	15 51 22·05	52·54	2	+4·837	−0·35
2903	5303	3	7 Scorpii - - δ	15 51 28·33	52·57	2	+3·532	−0·12
2904	5304	5·6	49 Libræ - - -	15 51 54·81	51·62	1	+3·398	
2905	5305	5·6	Normæ - - η	15 52 12				
2906	5306	6	50 Libræ - - - -	15 52 41·96	51·58	2	+3·230	
2907	5308	6	Scorpii - - - -	15 53 22·69	52·56	2	+3·694	−0·07
2908	5311	6	Piazzi XV–232 - -	15 53 26·64	52·54	2	+3·966	−0·27
2909	5312	7	Scorpii - - - -	15 54 8				
2910	5314	6	Piazzi XV–237 - -	15 54 17·27	52·55	2	+3·613	−0·28
2911	5317	6	Scorpii - - - -	15 54 54·63	51·59	2	+3·587	0·00
2912		7	Cape 1840 Cat., No. 2128	15 55 12·91	52·60	3	+5·274	+0·22
2913	5318	7·8	Taylor 7449 - - -	15 55 14·37	51·22	3	+3·692	+0·05
2914	5320	6·7	Taylor 7448 - - -	15 55 24·89	52·45	2	+4·753	+0·18
2915	5323	5	Normæ - - δ	15 55 54·70	52·57	2	+4·207	−0·41
2916	5324	4·5	51 Libræ - - - ξ	15 56 7·47	51·56	2	+3·293	
2917	5326	7	Scorpii - - -	15 56 22				
2918	5327	6·7	Taylor 7458 - - -	15 56 28·63	52·56	2	+4·345	−0·23
2919	5328	7·6	Cape 1840 Cat., No. 2131	15 56 38·60	52·59	4	+5·282	−0·15
2920	5329	2	8 Scorpii - - - β^1	15 56 43·33	51·79	33	+3·475	+0·01
2921	5331	5·4	Lupi - - - θ	15 56 45·34	52·52	1	+3·917	−0·01
2922	5332	6	Normæ - - ι^2	15 57 0·92	52·54	2	+4·876	−0·18
2923	5333	7	Piazzi XV–254 - -	15 57 2·29	51·57	2	+3·472	
2924	5334	7	Trianguli Aust. - -	15 57 6·43	52·61	2	+5·280	−0·15
2925	5335	6	Scorpii - - - -	15 57 10				

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2881	123 31 13·80	51·47	1	+10·97	− 0·28		5536				8657
2882	118 46 16·21	50·43	1	+10·95	+ 0·18	6601	5538		377		8659
2883	117 11 59·23	50·36	1	+10·92	+ 0·74	6605					8662
2884	91 43 9·56	51·58	1	+10·91							
2885	143 35 3·23	51·03	2	+10·90	+ 0·91	6589	5542				8670
2886	111 2 42·21	50·44	1	+10·89							
2887	113 5 16·37	50·42	1	+10·86							
2888	110 32 36·86	50·82	3	+10·83							
2889	131 18 31·00	51·06	2	+10·83	+ 0·17	6609	5548				8674
2890	144 8 35·98	51·00	2	+10·82	+ 2·03	6602	5547				8679
2891	114 23 39·12	50·94	2	+10·81	+ 1·61	6621					8675
2892	152 6 40·78	51·17	3	+10·80	+ 0·20	{6593 6595}					8690
2893	115 40 40·24	50·35	1	+10·79	− 0·12	6622			378		8676
2894	103 50 30·85	50·54	1	+10·79					379		
2895	103 0 19·48	50·28	1	+10·77							
2896	127 57 45·11	50·25	1	+10·76	− 0·04	6619	5554		380		8684
2897	116 34 56·40	51·47	2	+10·75	+ 0·01	6631					8683
2898	119 38 55·86	50·91	2	+10·75	+ 1·34	6627					8685
2899	119 11 51·02	50·94	2	+10·75	+ 1·57	6629					8686
2900	120 44 3·86	51·06	2	+10·74	+ 0·83	6630	5556				8691
2901	150 4 20·68	51·04	2	+10·70	− 0·10	6612	5557				8697
2902	147 20 45·68	51·22	3	+10·68	+ 2·14	6615	5559				8700
2903	112 11 25·19	50·57	1	+10·67	− 0·27		5560	258	381	92	8696
2904	106 5 14·07	50·36	1	+10·63							
2905	138 48 18·27	51·00	2	+10·61	+ 0·61	6632	5564				8707
2906	97 58 58·22	50·29	1	+10·58							
2907	118 42 40·58	50·98	2	+10·53	+ 1·18	6647	5572				8712
2908	128 10 42·47	50·25	1	+10·52	+ 1·48	6644	5571				8715
2909	116 17 17·85	50·27	1	+10·47	+ 3·38	6656					8718
2910	115 26 32·46	50·43	1	+10·46	+ 0·66	6659					8721
2911	114 18 25·60	50·91	2	+10·41	− 0·31	6663					8729
2912	152 34					6642	5576				8735
2913	118 30 46·60	50·88	3	+10·39	− 0·61	6666	5579				8731
2914	145 46 38·88	50·89	2	+10·37	+ 0·32	6650	5577				8733
2915	134 45 38·64	51·24	3	+10·34	− 1·38	6664	5581		382		8737
2916	100 57 17·10	50·54	1	+10·32					383		
2917	113 15 9·75	50·69	4	+10·30	+ 2·65	6680					8740
2918	138 0 36·78	50·25	3	+10·29	+ 0·25	6667	5585				8744
2919	152 33 26·08	51·09	3	+10·28	+ 2·23	6652	5583				8753
2920	109 23							260	385	94	8743
2921	126 23 18·42	50·55	1	+10·27	+ 0·08	6678	5591		384		8745
2922	147 31 27·22	50·92	2	+10·25	+ 2·37	6665	5590				8755
2923	109 16 1·27	50·29	1	+10·25							
2924	152 31 0·09	51·09	3	+10·25	+ 0·68		5589				8760
2925	113 11 33·47	50·69	4	+10·24	+ 0·56	6689					8748

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				h m s			s	s
2926	5337	4·5	9 Scorpii - - ω^1	15 58 2·26	51·58	2	+3·496	
2927	5339	5	Apodis - - δ^1	15 58 7				
2928	5340	6·5	Apodis - - δ^2	15 58 15				
2929	5342	5·6	10 Scorpii - - ω^2	15 58 36·96	51·74	3	+3·501	+0·15
2930	5345	7	Scorpii - - -	15 58 52·34	52·48	1	+3·586	−0·23
2931	5346	7	Piazzi XV–264 - -	15 58 55·11	52·51	2	+3·367	
2932	5347	6	Piazzi XV–265 - -	15 58 59·55	51·53	2	+3·632	+0·15
2933	5350	7	Rumker 460 - - -	15 59 14				
2934	5351	6	11 Scorpii - - -	15 59 16·92	52·09	2	+3·323	
2935	5353	7	Rumker 461 - -	15 59 32				
2936	5354	6·7	Scorpii - - -	15 59 46				
2937	5355	7	Taylor 7491 - - -	15 59 59·40	52·54	2	+3·801	−0·19
2938		7	Scorpii - - -	16 0 0·11	52·54	2	+3·801	−0·21
2939	5356	7	Scorpii - - -	16 0 1·85	52·48	1	+3·757	−0·18
2940	5357	7	Taylor 7490 - - -	16 0 2·56	52·56	2	+4·033	−0·03
2941	5358	6·7	Piazzi XV–271 - -	16 0 16·26	52·57	2	+3·827	−0·09
2942	5360	6·7	Piazzi XV–272 - -	16 0 42·38	52·47	2	+4·228	−0·48
2943		7·8	Lupi - - - -	16 1 2·09	52·54	1	+4·037	−0·33
2944	5362	7·6	Trianguli Aust. - -	16 1 2·88	52·59	2	+6·368	−0·14
2945	5363	6·7	Piazzi XV–274 - -	16 1 5·17	52·54	2	+4·070	−0·27
2946	5364	7·6	Scorpii - - -	16 1 6				
2947	5365	7·6	Scorpii - - -	16 1 9·36	52·09	3	+3·592	−0·08
2948	5370	6·5	Normæ - - ζ	16 1 27·82	52·57	2	+4·739	−0·32
2949	5372	6	Normæ - - -	16 1 37·43	52·55	1	+4·629	−0·07
2950	5373	5	Normæ - - κ	16 1 40·66	52·60	2	+4·685	−0·21
2951	5374	5·6	Piazzi XV–280 - -	16 1 43·56	52·49	2	+3·716	0·00
2952	5375	5·4	Trianguli Aust. - δ	16 1 49				
2953	5377	6·7	Cape 1840 Cat., No. 2147	16 2 11·62	52·61	1	+5·888	+0·31
2954	5378	7·6	Scorpii - - -	16 2 22				
2955	5379	7	Piazzi XVI–1 - -	16 2 41·96	51·59	2	+3·232	
2956	5380	6	12 Scorpii - - c^1	16 3 0				
2957	5381	5·6	13 Scorpii - - c^2	16 3 4·27	52·49	1	+3·679	+0·01
2958	5383	7	Piazzi XVI–3 - -	16 3 16·01	52·61	1	+3·474	
2959	5382	4·5	14 Scorpii - - ν	16 3 17·04	52·14	6	+3·474	−0·10
2960	5384	6	Taylor 7519 - - -	16 3 28·05	52·53	2	+4·905	−0·33
2961	5386	5	15 Scorpii - - ψ	16 3 48·29	52·52	2	+3·270	
2962	5387	6	16 Scorpii - - -	16 3 59·98	52·56	2	+3·238	−0·06
2963	5389	7	Scorpii - - -	16 4 20·21	50·55	2	+3·711	−0·20
2964	5390	5·6	Normæ - - θ	16 4 23·07	52·49	2	+4·325	−0·27
2965	5391	7	Scorpii - - -	16 4 27·76	50·66	2	+3·742	−0·24
2966	5393	7·6	Scorpii - - -	16 4 43·19	52·47	2	+3·782	−0·26
2967	5394	6·7	Scorpii - - -	16 4 44·72	51·58	2	+3·593	−0·05
2968	5395	6	Piazzi XVI–10 - -	16 4 51·80	52·48	2	+3·521	
2969	5396	7	Rumker 464 - -	16 4 56				
2970	5397	6·7	Taylor 7532 - - -	16 4 59·40	52·51	2	+4·145	−0·37

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2926	110 15 30·32	51·07	2	+10·18					386		
2927	168 18 20·26	50·98	2	+10·17	+ 2·34	6623	5584				8784
2928	168 16 40·77	50·98	2	+10·16	+ 1·89	6628	5586				8786
2929	110 27 32·04	50·58	1	+10·13	+ 0·86				387		8764
2930	114 3 15·82	51·51	2	+10·11	+ 1·44	6700					8768
2931	117 19 25·82	50·52	1	+10·11							
2932	115 55 12·37	51·10	2	+10·10	− 0·16	6702	5605				8769
2933	151 31 41·70	50·45	2	+10·08	+ 1·18	6683					8775
2934	102 20 14·35	50·57	1	+10·08							
2935	154 35 18·35	50·56	2	+10·06	− 0·71	6679	5603				8783
2936	113 16 48·11	50·43	1	+10·04	+ 1·12	6710					8773
2937	122 14 42·69	50·57	1	+10·03	+ 0·65	6706	5613				8776
2938	122 14										8777
2939	120 38 52·87	50·47	1	+10·03	+ 0·33	6709					8778
2940	129 43 37·13	51·07	2	+10·02	+ 0·07	6703	5612				8779
2941	123 8 32·61	50·55	1	+10·01	+ 1·37	6711	5614				8781
2942	134 55 57·35	51·07	2	+ 9·97	+ 0·77	6707	5617				8787
2943	129 43 32·23	50·55	1	+ 9·95	+ 2·79	6716					8791
2944	160 36 9·63	51·03	2	+ 9·95	+ 0·54	6682					8801
2945	130 42 59·74	50·59	1	+ 9·95	+ 3·01	6715	5621				8792
2946	116 30 29·31	51·20	3	+ 9·94	+ 1·21	6719					8789
2947	114 10 53·33	51·08	2	+ 9·94	+ 0·58	6720					8790
2948	145 8 42·47	51·05	2	+ 9·92	+ 0·89	6705	5623				8796
2949	143 16 36·34	51·08	2	+ 9·91	+ 0·93	6713	5625				8797
2950	144 14 7·97	50·92	2	+ 9·90	+ 2·09	6712	5627				8798
2951	119 0 54·62	50·30	1	+ 9·90	+ 0·42	6725	5629				8793
2952	153 17 41·97	51·07	2	+ 9·89	− 0·01	6701	5624		389		8805
2953	157 33 1·78	51·09	2	+ 9·86	+ 2·84	6698	5628				8810
2954	116 45 17·58	51·09	2	+ 9·85	− 1·78	6728					8800
2955	97 54 9·70	50·63	1	+ 9·82							
2956	118 1 20·15	51·56	2	+ 9·80	− 0·53	6729	5636				8806
2957	117 31 56·44	51·22	3	+ 9·79	− 0·64	6730			390		8807
2958	109 3 21·22	50·97	2	+ 9·78							
2959	109 3 58·67	50·97	2	+ 9·78	+ 0·61			262	391		8809
2960	147 31 24·77	50·27	1	+ 9·76	+ 0·65	6722	5634				8817
2961	99 40								392		
2962	98 9 19·41	50·58	1	+ 9·72	+ 1·00						8815
2963	118 40 0·52	50·31	3	+ 9·70	+ 1·05	6740					8818
2964	136 59 2·04	50·94	2	+ 9·69	+ 0·63	6734	5637				8822
2965	119 49 20·50	50·36	2	+ 9·69	+ 0·72	6741					8819
2966	121 16					6747					8823
2967	114 1 59·89	50·94	2	+ 9·67	+ 0·40	6751					8821
2968	111 0 44·21	50·43	1	+ 9·66							
2969	161 29 50·59	50·48	2	+ 9·66	+ 1·44	6714					8839
2970	132 30 50·96	51·08	2	+ 9·65	− 0·46	6739	5646				8827

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
2971	5398	6	Taylor 7531 - - -	16 5 0·47	52·59	2	+ 4·651	−0·17
2972	5401	6	17 Scorpii - - χ	16 5 33·39	52·07	2	+ 3·308	
2973	5402	7	Normæ - - -	16 5 45·09	52·61	1	+ 4·612	−0·31
2974	5404	5	Normæ - - γ^1	16 5 48·41	52·61	1	+ 4·455	−0·23
2975	5403	7·6	Piazzi XVI–14 - -	16 5 48·44	52·54	2	+ 3·621	−0·05
2976	5407	7	Rumker 465 - -	16 5 58·33	52·59	1	+ 4·952	−0·53
2977	5408	6·7	B. F. 2217 - - -	16 6 0·38	52·53	2	+ 3·456	
2978	5413	6·7	Rumker 466 - -	16 6 5				
2979	5409	7	Scorpii - - -	16 6 7				
2980	5412	6	Cape 1840 Cat., No. 2153	16 6 17·27	51·03	12	+20·124	−0·32
2981	5414	3	1 Ophiuchi - - δ	16 6 29·32	51·69	13	+ 3·139	+0·04
2982	5416	7	Scorpii - - -	16 6 38·27	52·57	2	+ 3·756	−0·13
2983	5418	7	Scorpii - - -	16 7 26·05	52·48	2	+ 3·593	−0·33
2984	5420	5	18 Scorpii - - -	16 7 28·31	51·59	2	+ 3·236	
2985	5421	7·8	Scorpii - - -	16 7 30·38	52·48	2	+ 3·734	−0·24
2986		8	Normæ - - -	16 7 52·45	52·51	2	+ 4·467	
2987	5423	7	Piazzi XVI–28 - -	16 8 13·49	51·56	2	+ 3·494	
2988	5424	6	Rumker 467 - -	16 8 27·99	52·46	2	+ 4·744	−0·05
2989	5425	4	Normæ - - γ^2	16 8 38·44	52·51	2	+ 4·469	−0·27
2990	5427	5·6	Normæ - - λ	16 8 52·30	52·51	2	+ 4·147	−0·10
2991	5429	5·6	Piazzi XVI–31 - -	16 9 0·21	51·62	1	+ 3·706	−0·08
2992	5430	7	Scorpii - - -	16 9 0·59	52·49	1	+ 3·691	0·00
2993	5431	6	Bradley 2070 - -	16 9 1·96	51·88	3	+ 3·145	
2994	5433	7	Scorpii - - -	16 9 51·05	52·48	2	+ 3·699	−0·02
2995	5435	6·7	Piazzi XVI–36 - -	16 10 3·93	52·50	2	+ 3·770	+0·05
2996	5436	7	Piazzi XVI–39 - -	16 10 21·13	51·56	2	+ 3·499	
2997	5437	3	2 Ophiuchi - - ε	16 10 23·30	52·55	2	+ 3·160	
2998	5438	6·7	Taylor 7573 - - -	16 10 26·23	52·56	2	+ 4·381	−0·22
2999	5439	4·5	Apodis - - γ	16 10 37·42	51·92	12	+ 8·935	+0·10
3000	5441	7	Scorpii - - -	16 11 11				
3001	5442	5	Taylor 7579 - - -	16 11 16·79	52·52	2	+ 4·449	−0·31
3002	5443	7	Rumker 469 - -	16 11 26				
3003	5445	6·5	19 Scorpii - - -	16 11 37·08	52·52	2	+ 3·596	−0·08
3004	5446	6·7	Taylor 7587 - - -	16 11 55·65	52·51	2	+ 4·203	−0·28
3005	5447	3·4	20 Scorpii - - σ	16 12 4·84	52·50	1	+ 3·632	−0·16
3006	5449	7	Scorpii - - -	16 12 19·84	52·48	2	+ 3·585	−0·12
3007	5450	5·6	Trianguli Aust. - ζ	16 12 24·15	52·58	2	+ 6·300	+0·65
3008	5451	7	Taylor 7595 - - -	16 13 9·83	52·58	2	+ 3·973	−0·21
3009	5454	5·6	Trianguli Aust. - ι	16 14 3·79	52·46	2	+ 5·493	+0·10
3010	5457	6	Taylor 7601 - - -	16 14 32·45	52·52	2	+ 3·980	−0·32
3011	5458	6·7	Taylor 7600 - - -	16 14 37·80	52·55	2	+ 4·971	
3012	5464	7·6	Taylor 7607 - - -	16 15 15·09	52·53	2	+ 3·745	+0·05
3013	5464	6·7	Taylor 7607 - - -	16 15 15·13	52·50	3	+ 3·745	0·00
3014	5465	7	Piazzi XVI–61 - -	16 15 17·40	52·49	1	+ 3·677	−0·22
3015	5467	5	4 Ophiuchi - - ψ	16 15 19·89	51·48	3	+ 3·500	

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

2986. The magnitude is taken from the Cape Observations.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
2971	143 25 40·45	50·92	2	+ 9·65	+ 0·84	6735	5643				8829
2972	101 7										
2973	142 42 12·26	51·04	2	+ 9·59	+ 1·73	6738	5652				8837
2974	139 41 12·51	51·62	1	+ 9·58	+ 0·59	6746	5655		395		8836
2975	115 5 29·44	50·52	1	+ 9·58	+ 0·39	6755					8830
2976	148 0 38·74	51·03	2	+ 9·57	+ 2·30		5654				8841
2977	108 8 46·07	50·29	1	+ 9·57							
2978	154 16 17·31	50·83	3	+ 9·56	+ 1·10	6731	5651				8844
2979	116 49 17·30	50·94	2	+ 9·56	+ 2·35	6756					8835
2980	176 3 20·06	50·57	3	+ 9·54	+ 1·68	6545	5607		388		8914
2981	93 18							263	393	121	8838
2982	120 14 22·52	51·03	2	+ 9·52	+ 1·31	6758					8843
2983	113 54 8·53	51·51	2	+ 9·46	− 1·96	6767					8846
2984	97 58 4·45	51·51	1	+ 9·46					394		
2985	119 21 53·17	50·75	2	+ 9·46	+ 0·89	6766					8847
2986	139 46 43·99	51·58	1	+ 9·44			5669				
2987	109 43 36·59	50·55	1	+ 9·40							
2988	144 46 2·76	51·22	3	+ 9·38	+ 2·16	6761	5673				8856
2989	139 46 54·10	51·06	2	+ 9·37	− 1·59	6764	5675		396		8859
2990	132 18 3·65	50·91	2	+ 9·35	− 0·62	6772	5680				8860
2991	118 14 11·74	50·23	1	+ 9·34	+ 0·35	6777	5681				8857
2992	117 40 0·40	50·94	2	+ 9·34	+ 0·59	6778					8858
2993	93 34 38·38	51·58	1	+ 9·31							
2994	117 54 43·93	50·83	2	+ 9·27	+ 7·76*	6786					8865
2995	120 32 14·90	51·00	2	+ 9·26	− 1·74	6788	5685				8869
2996	109 50 50·05	50·35	1	+ 9·23							
2997	94 19 19·91	51·62	1	+ 9·23					398		
2998	137 49 15·29	50·98	2	+ 9·23	+ 2·30	6783	5687				8876
2999	168 32 50·89	50·39	2	+ 9·21	+ 0·25	6727	5678		397		8896
3000	119 8 51·44	51·04	2	+ 9·17	+ 1·15	6794					8879
3001	139 12 28·03	50·93	2	+ 9·16	+ 1·34	6790	5692				8883
3002	148 14 32·97	50·99	2	+ 9·15	+ 1·93						8888
3003	113 48 10·18	50·28	1	+ 9·13	+ 0·32	6798					8881
3004	133 32 57·42	50·85	2	+ 9·11	− 0·44	6793	5699				8890
3005	115 13 39·67	50·36	1	+ 9·10	+ 0·90	6799	5703		399		8887
3006	113 20 36·78	50·93	2	+ 9·08	+ 0·36	6801					8891
3007	159 44 13·00	51·05	2	+ 9·08	− 2·21	6771	5695				8902
3008	127 3 48·30	51·03	2	+ 9·01	+ 0·60	6803	5705				8897
3009	153 42 33·48	50·98	2	+ 8·94	− 0·98	6795	5709				8917
3010	127 12 37·16	51·06	2	+ 8·91	+ 0·22	6816	5718				8913
3011	147 46 10·19	50·28	2	+ 8·90			5715				
3012	119 20 45·30	51·20	3	+ 8·85	+ 2·89						8922
3013	119 20 52·42	51·57	2	+ 8·85	+ 3·07	6826					8921
3014	116 47 48·72	50·98	2	+ 8·85	− 0·64	6829					8920
3015	109 40 53·86	50·43	1	+ 8·84				265	400		

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3016		8	Normæ - - -	16 15 25·24	52·58	2	+3·803	
3017			Normæ - - -	16 15 28·86	52·86	2	+4·088	
3018	5468	7	Scorpii - - -	16 15 33				
3019	5469	6	Taylor 7609 - - -	16 15 37				
3020	5471	7·8	Scorpii - - -	16 16 8·68	52·48	2	+3·803	−0·05
3021	5472	5	Normæ - - ϵ	16 16 12·15	52·57	2	+4·369	−0·06
3022	5474	7	Piazzi XVI–67 - -	16 16 16·38	52·57	2	+3·738	−0·18
3023	5476	7	Scorpii - - -	16 16 23·18	52·60	2	+3·753	+0·15
3024	5477	5	5 Ophiuchi - - ρ	16 16 35·75	51·61	2	+3·584	
3025	5478	7	Piazzi XVI–72 - -	16 16 35·95	52·05	2	+3·583	
3026		7·6	Taylor 7624 - - -	16 17 8				
3027	5485	6	Taylor 7623 - - -	16 17 16·28	52·51	2	+4·956	−0·13
3028	5486	5·6	Cape 1840 Cat., No. 2185	16 17 31·88	52·59	3	+5·272	−0·17
3029		8·9	Scorpii - - -	16 17 55·03	52·60	1	+3·744	
3030	5487	7	Scorpii - - -	16 18 7·15	52·48	1	+3·738	+0·01
3031	5488	6	Taylor 7632 - - -	16 18 15·43	52·60	2	+3·975	+0·09
3032	5489	5	7 Ophiuchi - - χ	16 18 20·16	52·26	3	+3·466	
3033	5492	6	Taylor 7635 - - -	16 18 51·23	52·57	2	+4·318	−0·20
3034		7	Scorpii - - -	16 19 7				
3035	5494	5	B. F. 2255 - - -	16 19 38·47	52·13	2	+3·225	
3036	5495	5·6	3 Ophiuchi - - υ	16 19 41·81	52·61	1	+3·242	−0·31
3037	5498	1·2	21 Scorpii - - α	16 20 13·09	51·69	51	+3·664	−0·13
3038	5500	7	Scorpii - - -	16 20 58·18	52·55	1	+3·705	−0·08
3039	5501	6·5	22 Scorpii - - -	16 21 6·10	51·60	1	+3·631	−0·15
3040	5505	6	Trianguli Aust. - θ	16 21 20·84	52·62	2	+5·697	+0·05
3041	5506	7	Piazzi XVI–90 - -	16 21 24·89	52·59	2	+3·890	+0·01
3042	5508	4·5	Piazzi XVI–92 - -	16 21 35·59	52·62	2	+3·902	−0·20
3043	5510	5·4	Apodis - - β	16 21 47·54	52·10	14	+8·420	+0·66
3044	5513	6·7	Piazzi XVI–93 - -	16 22 10·94	52·60	2	+3·670	−0·19
3045	5516	4·5	8 Ophiuchi - - ϕ	16 22 33·83	51·70	8	+3·426	
3046	5517	7·8	Rumker 476 - -	16 22 43·61	52·56	1	+4·949	−0·01
3047	5518	7·8	Scorpii - - -	16 23 1·96	52·55	2	+3·738	−0·13
3048	5519	5	9 Ophiuchi - - ω	16 23 15·10	52·09	2	+3·542	
3049	5521	5	Normæ - - μ	16 23 26·39	52·58	2	+4·237	−0·07
3050	5522	7	Scorpii - - -	16 23 28·48	52·51	2	+3·811	−0·24
3051	5526	7·6	Trianguli Aust. - -	16 23 42·73	52·58	2	+5·567	+0·16
3052	5528	7	Piazzi XVI–101 - -	16 24 5·23	51·56	3	+3·413	
3053	5533	6	Piazzi XVI–106 - -	16 25 50·37	51·59	2	+4·196	0·00
3054	5536	6	Trianguli Aust. - η^1	16 25 57·73	50·55	2	+6·104	−0·04
3055	5538	5·6	Piazzi XVI–111 - -	16 26 30·86	52·06	1	+3·928	−0·15
3056	5539	3·4	23 Scorpii - - τ	16 26 33·02	52·48	2	+3·720	+0·08
3057	5540	6	Aræ - - - -	16 27 41				
3058	5542	6	Piazzi XVI–117 - -	16 27 50·47	52·51	2	+4·222	−0·18
3059	5543	7	Aræ - - - -	16 28 7·91	52·55	2	+5·084	−0·20
3060	5544	6	Cape 1840 Cat., No. 2206	16 28 14·11	52·54	1	+5·990	−0·33

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3016. The magnitude is taken from Cape observations.

3017. Observed for B.A.C. 5470; magnitude unknown, but probably about 8th.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3016	137 12										
3017	130 17										
3018	121 4 8·65	50·95	2	+ 8·83	+ 0·64	6830					8925
3019	148 15 5·96	51·53	2	+ 8·82	+ 1·04	6812	5720				8930
3020	121 21 9·21	51·04	2	+ 8·78	+ 0·77	6834					8929
3021	137 12 22·78	51·07	2	+ 8·78	+ 0·49	6825	5723				8935
3022	119 3 2·21	51·06	2	+ 8·77	— 2·22	6836					8931
3023	119 34 20·27	51·01	2	+ 8·76	— 2·76	6837					8932
3024 {	113 5 45·09	50·97	2	+ 8·74	}				401		
3024 {	113 5 48·28	50·58	1	+ 8·74							
3025	113 3 16·70	50·97	2	+ 8·74							
3026	135 54 15·26	50·27	2	+ 8·70	+ 3·85		5730				8937
3027	147 24 53·82	50·33	2	+ 8·69	+ 0·64	6827	5728				8940
3028	151 17 38·89	51·04	2	+ 8·67	— 1·00	6824	5729				8942
3029	119 7										
3030	118 56 38·36	50·94	2	+ 8·62	+ 0·51	6843	5735				8941
3031	126 50 11·51	51·07	2	+ 8·61	+ 0·98	6842	5736				8943
3032	108 6 38·64	50·23	1	+ 8·61					402		
3033	135 54 14·07	50·27	2	+ 8·57	+ 0·79	6841	5738				8947
3034	115 6 49·15	50·41	2	+ 8·55							
3035	97 15 2·09	50·57	1	+ 8·51							
3036	98 1 52·91	51·51	1	+ 8·50	— 0·16				403		8950
3037	116 5					6853	5743	267	404	89	8954
3038	117 34 52·90	51·00	2	+ 8·40	+ 0·75	6856					8958
3039	114 46 47·66	50·52	1	+ 8·39	+ 0·48	6858					8959
3040	155 10 9·72	50·91	2	+ 8·37	+ 1·44	6844	5744				8967
3041	124 0 1·71	51·05	2	+ 8·36	+ 0·95	6857					8961
3042	124 22 20·22	51·23	3	+ 8·35	— 0·80	6859	5747		405		8963
3043	167 11 28·88	50·89	2	+ 8·33	+ 1·02	6817	5742				8984
3044	116 12 21·49	50·97	2	+ 8·30	+ 0·35	6866					8964
3045	106 16 52·41	50·56	1	+ 8·27				268	406		
3046	147 1 43·83	50·93	2	+ 8·26	+ 0·28						8975
3047	118 42 54·46	50·34	3	+ 8·23	— 0·28	6872					8972
3048	111 8 25·76	50·55	1	+ 8·22					407		
3049	133 43 17·08	51·00	2	+ 8·20	— 0·38	6867	5752				8980
3050	121 13 37·51	50·49	2	+ 8·20	+ 1·58	6875					8979
3051	153 55 46·60	51·03	2	+ 8·17	+ 1·62	6855					8988
3052	105 39 26·09	51·07	2	+ 8·15							
3053	132 32 34·00	50·93	2	+ 8·01	+ 0·23	6885	5761				8994
3054	157 59 17·72	51·09	3	+ 7·99	— 0·10	6865	5756				9005
3055	124 56 26·96	50·35	1	+ 7·96	— 0·74	6890	5767		408		9001
3056	117 53 58·58	50·70	3	+ 7·95	— 0·05	6897	5768	269	409		8999
3057	150 8 17·02	50·30	4	+ 7·87	+ 1·42	6886	5773				9013
3058	133 5 18·72	51·05	2	+ 7·85	+ 0·78	6899	5777				9010
3059	148 33 45·97	51·06	2	+ 7·83	+ 1·85	6889	5776				9017
3060	157 7 51·67	51·52	2	+ 7·82	+ 0·81	6881	5775				9021

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3024. The mean has probably been observed in R.A.

3029, 3034. The magnitudes are taken from Oeltzen's Argelander.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3061	5547	6·7	12 Ophiuchi - - -	16 28 28·91	51·59	2	+3·114	+0·17
3062	5548	3·2	13 Ophiuchi - - ζ	16 28 54·16	52·52	2	+3·294	−0·02
3063	5551	6	Taylor 7690 - - -	16 29 9·88	52·58	2	+4·604	−0·27
3064	5550	6	Aræ - - - -	16 29 11·50	50·57	3	+5·343	+0·02
3065		8·9	Scorpii - - -	16 29 17·30	52·61	1	+3·772	
3066		7	Taylor 7696 - - -	16 29 31·52	52·57	2	+4·465	−0·02
3067	5554	7·8	Aræ - - - -	16 29 41·09	52·60	2	+5·263	+0·20
3068		7·8	Scorpii - - -	16 29 43·49	51·59	1	+3·744	+0·12
3069	5555	7·8	Piazzi XVI–128 - -	16 29 47·18	51·52	2	+3·470	
3070	5556	7	Scorpii - - -	16 29 48·55	52·47	1	+3·773	+0·07
3071	5557	7	Scorpii - - -	16 29 50				
3072	5558	6	Taylor 7703 - - -	16 30 7·28	52·57	2	+4·465	−0·16
3073	5561	6·7	Taylor 7706 - - -	16 30 19				
3074	5562	7	Scorpii - - -	16 30 47·44	52·48	1	+3·746	−0·35
3075	5564	7	Scorpii - - -	16 30 54·13	51·59	3	+3·668	−0·08
3076	5565	6·7	Trianguli Aust. - η^2	16 31 29·68	52·59	2	+6·108	−0·26
3077	5566	6·5	Cape 1840 Cat., No. 2212	16 31 36·96	52·62	2	+5·964	−0·10
3078	5567	7	Piazzi XVI–137 - -	16 31 44·33	52·58	1	+3·524	
3079	5569	7·6	Scorpii - - -	16 32 18·13	51·62	1	+3·716	+0·08
3080	5570	7	Aræ - - - -	16 32 29·90	50·59	3	+5·344	+0·11
3081	5571	6·7	Ophiuchi - - -	16 32 31·04	51·57	2	+3·628	−0·12
3082	5572	7	Scorpii - - -	16 32 34				
3083	5573	7·8	Piazzi XVI–142 - -	16 32 36·81	52·61	2	+3·468	
3084	5576	7	Scorpii - - -	16 32 42·05	52·53	2	+3·753	+0·06
3085	5577	6·5	Taylor 7720 - - -	16 32 49·61	52·55	2	+4·710	−0·37
3086	5578	2·3	Trianguli Aust. - α	16 32 49·93	51·45	58	+6·262	+0·05
3087	5579	6	Bradley 2114 - -	16 32 54·16	51·71	4	+3·461	+0·19
3088	5580	7	Bradley 2115 - -	16 33 4·97	51·56	2	+3·514	
3089	5583	6·7	Taylor 7728 - - -	16 33 21·92	52·55	2	+4·144	−0·19
3090	5584	6·7	Taylor 7731 - - -	16 33 30·15	52·55	2	+4·144	−0·26
3091	5585	6	Taylor 7726 - - -	16 33 34·62	52·57	2	+5·077	−0·03
3092	5589	7	Scorpii - - -	16 33 59·80	52·48	1	+3·817	−0·11
3093	5588	7·6	Scorpii - - -	16 34 0·42	52·56	2	+3·842	+0·11
3094	5593	6	Piazzi XVI–150 - -	16 34 20·15	52·60	2	+4·136	−0·33
3095	5594	6	Taylor 7737 - - -	16 34 34·66	52·61	1	+5·068	−0·10
3096	5595	7·6	Scorpii - - -	16 34 36·18	51·59	2	+3·692	−0·02
3097	5598	7	Piazzi XVI–158 - -	16 34 48·89	52·60	2	+3·595	
3098	5600	7·6	Scorpii - - -	16 34 59·32	51·29	1	+3·710	−0·09
3099	5603	6·7	Piazzi XVI–159 - -	16 35 37·85	52·56	2	+3·740	−0·20
3100	5605	7·6	Scorpii - - -	16 35 46·52	52·58	2	+3·806	−0·21
3101	5606	7	15 Ophiuchi - - -	16 36 7·65	52·27	3	+3·598	+0·04
3102	5607	7	Taylor 7751 - - -	16 36 10·07	52·59	2	+3·750	−0·21
3103	5608	7·6	Scorpii - - -	16 36 33·50	51·93	3	+3·690	−0·02
3104	5609	4	Aræ - - - η	16 36 51·56	52·57	2	+5·132	+0·13
3105	5610	6·7	Cape 1840 Cat., No. 2221	16 36 59·17	52·55	1	+6·076	−0·34

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3065. The magnitude is taken from Oeltzen's Argelander.

3068. This star is O. A. 15790, and is called 9·0 magnitude in that Catalogue.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3061	92 0 3·13	51·58	1	+ 7·80	− 2·05				410		9011
3062	100 15 31·55	50·54	1	+ 7·76	− 0·57				411		9015
3063	141 10 50·48	51·07	2	+ 7·75	− 3·58	6903	5782				9022
3064	151 29 6·72	50·42	2	+ 7·75	+ 1·01	6896					9030
3065	119 34										
3066	138 27					6907	5789				9028
3067	150 37 38·20	51·49	2	+ 7·70	− 1·48		5784				9035
3068	118 35										9023
3069	107 54 49·70	50·57	1	+ 7·69							
3070	119 37 11·42	50·95	2	+ 7·69	+ 0·81	6919					9025
3071	120 9 41·29	51·07	2	+ 7·69	− 1·44	6920					9026
3072	138 27 44·43	51·09	2	+ 7·66	÷ 0·89	6912	5792				9037
3073	139 21 7·97	51·24	3	+ 7·65	− 0·46	6913	5794				9041
3074	118 38 15·85	50·98	2	+ 7·61	+ 1·21	6925					9042
3075	115 45 35·16	50·87	3	+ 7·60	− 0·91	6926					9045
3076	157 48 53·60	51·06	2	+ 7·55	− 0·84	6900	5797				9057
3077	156 49 13·95	51·05	2	+ 7·54	− 0·90	6906	5798				9059
3078	110 6 41·04	51·10	2	+ 7·53							
3079	117 30 43·48	51·02	2	+ 7·49	+ 1·02	6935					9052
3080	151 22 25·12	50·56	2	+ 7·48	+ 0·45	6921					9063
3081	114 10 19·47	51·08	2	+ 7·47	− 0·89	6940					9054
3082	120 14 1·57	51·07	2	+ 7·47	+ 0·33	6937					9056
3083	107 45 42·78	50·59	1	+ 7·46							
3084	118 49 33·81	50·98	2	+ 7·45	+ 3·78	6942					9058
3085	142 51 42·38	51·07	2	+ 7·45	+ 0·90	6927	5808				9064
3086	158 44					6911	5804	270	412	17	9070
3087	107 26 49·97	51·90	3	+ 7·44	+ 0·52			271	413		9060
3088	109 38										
3089	130 49 40·53	51·06	2	+ 7·40	− 1·39	6941	5812				9065
3090	130 49 21·62	51·06	2	+ 7·39	− 1·03	6943	5813				9066
3091	148 13 1·66	51·10	2	+ 7·38	+ 0·48	6928	5811				9071
3092	120 56 12·68	51·08	2	+ 7·35	+ 0·03	6951					9068
3093	121 48 55·23	50·93	2	+ 7·35	+ 0·56	6950					9069
3094	130 33 5·01	50·54	1	+ 7·32	+ 0·20	6949	5817				9072
3095	148 3 28·67	51·22	3	+ 7·30	+ 1·03	6936	5815				9078
3096	116 30 58·95	51·07	2	+ 7·30	+ 3·12	6957	5819				9073
3097	112 50 26·81	50·53	1	+ 7·28							
3098	117 10 8·46	50·94	2	+ 7·27	− 0·18	6958					9075
3099	118 13 30·36	50·55	1	+ 7·22	− 0·21	6966					9081
3100	120 31 23·96	51·04	2	+ 7·21	+ 0·01	6967					9083
3101	112 53 57·84	50·53	2	+ 7·18	+ 0·62						9088
3102	118 33 26·83	51·02	2	+ 7·17	+ 1·11	6972	5827				9089
3103	116 22 0·42	50·98	2	+ 7·14	− 0·38	6975					9092
3104	148 45 56·57	50·91	2	+ 7·12	+ 1·78	6956	5828		414		9105
3105	157 24 34·58	51·10	2	+ 7·11	− 0·53	6947	5826				9107

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3106	5612	7	Scorpii - - - -	16 37 17·07	51·53	2	+3·829	−0·06
3107	5613	7·6	Cape 1840 Cat., No. 2223	16 37 21·84	51·58	2	+5·767	−0·36
3108	5614	7·6	25 Scorpii - - - -	16 37 40·66	51·55	2	+3·661	−0·07
3109	5622	7·6	Scorpii - - - -	16 38 49·54	51·29	1	+3·822	−0·05
3110	5623	7	Piazzi XVI–174 - -	16 39 7·00	51·59	2	+3·636	0·00
3111	5626	7	Rumker 480 - -	16 39 33·77	52·54	2	+5·532	−0·02
3112	5630	7	Scorpii - - -	16 39 56·38	51·64	2	+3·837	−0·26
3113		7·6	Taylor 7776 - - -	16 40 24·13	52·56	1	+4·187	−0·12
3114	5632	4·3	26 Scorpii - - ϵ	16 40 27·15	52·55	1	+3·919	+0·08
3115	5633	7·6	18 Ophiuchi - - -	16 40 36·88	51·58	2	+3·640	−0·02
3116	5635	6	Piazzi XVI–186 - -	16 41 6·92	52·57	2	+4·163	−0·23
3117	5636	6	Cape 1840 Cat., No. 2230	16 41 26·89	52·55	2	+5·543	−0·07
3118	5637	5	20 Ophiuchi - - -	16 41 32·24	51·87	3	+3·304	
3119	5638	3	Scorpii - - - μ^1	16 41 43·27	52·55	2	+4·047	−0·15
3120	5639	6·7	Piazzi XVI–190 - -	16 42 3·52	52·57	2	+4·146	−0·04
3121	5640	4·3	Scorpii - - - μ^2	16 42 11·29	52·55	2	+4·047	−0·20
3122	5641	7	Ophiuchi - - -	16 42 12·65	52·07	2	+3·647	0·00
3123		7·6	Taylor 7790 - - -	16 42 17·07	52·65	1	+4·189	−0·22
3124	5642	7·8	Piazzi XVI–196 - -	16 42 18·53	51·59	2	+3·439	
3125	5646	7·6	Taylor 7791 - - -	16 42 38·23	52·61	2	+4·926	−0·23
3126	5645	7·6	Aræ - - - -	16 42 43				
3127	5650	7	Ophiuchi - - -	16 43 4·35	52·12	2	+3·669	−0·14
3128	5649	6	Taylor 7796 - - -	16 43 4·47	52·60	2	+4·239	−0·11
3129	5651	4	Scorpii - - ζ^1	16 43 25·60	52·60	2	+4·212	−0·25
3130	5653	7	Scorpii - - -	16 43 27·56	52·66	1	+3·848	−0·12
3131	5654	5·6	Cape 1840 Cat., No. 2235	16 43 30·17	52·63	2	+6·365	+0·07
3132	5655	6	Piazzi XVI–200 - -	16 43 31·07	52·61	2	+4·190	−0·35
3133	5656	7·6	Piazzi XVI–203 - -	16 43 40				
3134	5657	6·7	Aræ - - - -	16 43 42·83	51·58	1	+5·775	−0·13
3135	5660	6	Piazzi XVI–205 - -	16 43 51·94	52·12	2	+4·218	−0·13
3136	5661	3	Scorpii - - ζ^2	16 44 2·33	52·65	2	+4·213	+0·02
3137	5665	7·8	Scorpii - - -	16 44 32·32	52·56	1	+3·816	+0·10
3138	5663	6·7	Piazzi XVI–214 - -	16 44 34·14	52·08	2	+3·535	
3139	5664	6	Aræ - - - ρ	16 44 35·60	50·58	2	+4·601	−0·13
3140		7	Scorpii - - -	16 44 53·16	52·58	2	+3·817	−0·10
3141	5668	6·7	Taylor 7818 - - -	16 44 55·22	52·57	2	+4·254	−0·17
3142	5669	7·8	Scorpii - - -	16 44 59·09	51·29	1	+3·860	+0·09
3143	5671	6·7	Piazzi XVI–215 - -	16 45 2·18	51·95	3	+3·812	−0·08
3144	5670	7	Aræ - - - -	16 45 5				
3145	5673	7	Ophiuchi - - -	16 45 8·45	50·59	2	+3·676	−0·10
3146	5672	7·8	Scorpii - - -	16 45 11·35	50·56	2	+3·825	−0·10
3147	5675	7·6	Piazzi XVI–216 - -	16 45 19·97	52·56	2	+4·106	−0·14
3148	5676	7	Scorpii - - -	16 45 30·71	52·48	2	+3·790	−0·09
3149	5678	6·7	Scorpii - - -	16 45 31				
3150	5679	7	Scorpii - - -	16 45 45·57	52·62	2	+3·870	−0·02

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3133*. Piazzi XVI–202. R.A. 16 h 43 m 39·18 s + 4·191 s, N.P.D. 131° 34′ ± } Stone 9165.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3106	121 10 27·05	50·79	3	+ 7·08	+ 0·10	6977					9102
3107	155 6 18·46	51·01	2	+ 7·08	+ 0·28	6954	5830				9110
3108	115 15 0·40	51·05	2	+ 7·05	− 0·55	6981					9106
3109	120 55 47·23	50·42	2	+ 6·96	+ 0·24	6984					9112
3110	114 15 10·60	50·99	2	+ 6·93	+ 0·74	6991					9113
3111	152 58 12·86	50·66	4	+ 6·90	+ 1·51						9122
3112	121 22 53·37	51·48	2	+ 6·86	+ 0·75	6993					9120
3113	131 33										9125
3114	124 0 55·39	51·16	3	+ 6·82	− 0·45	6996	5851	272	415	82	9123
3115	114 22 18·64	51·07	2	+ 6·81	+ 0·59	7004					9124
3116	130 58 0·05	50·94	2	+ 6·77	− 0·41	7000	5857				9129
3117	153 0 43·89	50·50	6	+ 6·74	+ 0·70	6983	5853				9142
3118	100 30 47·37	50·54	1	+ 6·73					417		
3119	127 47 1·75	50·99	2	+ 6·72	+ 1·33	7006	5860		416	73	9132
3120	130 27 42·75	51·21	3	+ 6·69	− 0·30	7007	5863				9139
3121	127 45 21·00	50·99	2	+ 6·68	− 0·25	7009	5864		418	74	9141
3122	114 34 17·93	50·95	2	+ 6·68	− 0·12	7015					9138
3123	131 31						5865				9144
3124	106 17 0·45	50·55	1	+ 6·67							
3125	145 47 25·46	50·95	2	+ 6·64	+ 2·55	7003	5866				9151
3126	151 23 13·87	51·04	2	+ 6·64	+ 0·61	6995					9159
3127	115 20 27·41	51·03	2	+ 6·61	− 0·52	7022					9150
3128	132 47 34·25	51·08	2	+ 6·61	+ 1·22	7014	5871				9152
3129	132 6 23·63	50·95	2	+ 6·58	− 0·76	7016	5873				9160
3130	121 37 20·91	51·04	2	+ 6·57	+ 0·51	7026					9158
3131	159 1					6989	5868				9177
3132	131 33 2·98	50·93	3	+ 6·57	− 0·18	7017	5874				9162
3133	131 35 38·41	50·66	1	+ 6·56	− 0·06		5876				9166
3134	154 57 16·54	50·92	2	+ 6·55	+ 1·02	6998	5872				9174
3135	132 13 28·37	51·09	2	+ 6·54	+ 0·10	7019	5879				9169
3136	132 5 53·44	50·95	2	+ 6·53	− 0·15	7025	5881				9170
3137	120 29 55·72	50·40	2	+ 6·48	+ 0·82	7037					9171
3138	110 9 34·45	50·59	1	+ 6·48							
3139	140 25 26·39	51·08	2	+ 6·48	+ 1·88	7024	5882				9180
3140	120 28										9178
3141	133 3 54·01	50·42	1	+ 6·45	+ 0·24	7031	5887				9184
3142	121 56 13·08	50·91	2	+ 6·45	+ 1·73	7040					9181
3143	120 20 7·19	51·00	2	+ 6·44	+ 0·25	7033					9182
3144	151 29 38·40	51·53	2	+ 6·44	+ 1·56	7013					9197
3145	115 34 33·35	50·45	2	+ 6·43	− 0·06	7043					9183
3146	120 43 37·46	50·40	3	+ 6·43	+ 0·33	7041					9186
3147	129 15 20·48	50·60	1	+ 6·42	− 1·22	7038	5889				9188
3148	119 36 5·67	51·03	2	+ 6·40	+ 0·87	7046					9189
3149	121 9 6·94	50·97	2	+ 6·40	− 3·95	7044					9190
3150	122 15 16·13	51·03	2	+ 6·38	+ 1·03	7047					9195

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3151	5680	7·6	22 Ophiuchi - - -	16 45 47·27	52·62	2	+3·615	−0·09
3152	5681	6	Piazzi XVI–218 - -	16 46 10·22	50·61	2	+4·156	+0·01
3153	5682	7·6	Piazzi XVI–222 - -	16 46 10·48	52·64	1	+3·902	−0·07
3154	5683	4	Aræ - - - ζ	16 46 13·72	52·62	1	+4·933	−0·21
3155	5684	7	Scorpii - - - -	16 46 14·76	52·61	1	+3·839	−0·05
3156		7·8	Scorpii - - - -					
3157	5687	7	Ophiuchi - - -	16 46 32·46	52·04	2	+3·670	−0·10
3158	5688	5	23 Ophiuchi - - -	16 46 34				
3159	5690	7	Scorpii - - - -	16 46 40·53	50·58	1	+3·836	−0·12
3160	5689	5	Taylor 7834 - - -	16 46 44				
3161	5691	6·7	Taylor 7833 - - -	16 46 51·26	52·64	2	+5·191	+0·03
3162	5694	7	Scorpii - - - -	16 47 16·17	52·65	1	+3·867	−0·05
3163	5695	6	Piazzi XVI–232 - -	16 47 22·57	51·60	2	+3·448	
3164	5696	6	27 Scorpii - - - -	16 47 25·03	52·64	1	+3·896	−0·07
3165	5697	4·3	Aræ - - - ϵ^1	16 47 38·52	52·66	2	+4·752	+0·06
3166	5698	7·6	24 Ophiuchi - - -	16 47 45·54	52·67	1	+3·608	+0·08
3167	5699	5·6	Aræ - - - -	16 47 56·24	52·57	1	+4·844	−0·17
3168	5700	6·7	Piazzi XVI–236 - -	16 48 15·18	52·03	2	+3·516	
3169	5701	7·6	Taylor 7849 - - -	16 48 36·28	52·52	2	+4·980	−0·08
3170	5704	7	Ophiuchi - - -	16 49 2·14	52·55	1	+3·688	−0·03
3171		7·6	Aræ - - - -	16 50 7				
3172	5709	6·7	Bradley 2153 - -	16 50 46·98	52·59	2	+3·662	−0·27
3173	5710	7·8	Piazzi XVI–250 - -	16 50 47·06	51·94	3	+3·433	
3174	5711	6·7	26 Ophiuchi - - -	16 50 58·49	52·54	3	+3·659	+0·01
3175	5712	7	Piazzi XVI–251 - -	16 51 0·61	51·60	3	+3·486	
3176	5713	5·6	Aræ - - - ϵ^2	16 51 10·67	51·91	2	+4·766	−0·04
3177	5715	6	Cape 1840 Cat., No. 2252	16 51 39·50	52·56	2	+5·076	−0·17
3178	5718	5·6	Piazzi XVI–255 - -	16 52 11·03	52·55	2	+3·867	−0·06
3179	5719	7	Cape 1840 Cat., No. 2256	16 52 38·84	52·58	1	+5·882	−0·33
3180	5720	7	Piazzi XVI–260 - -	16 52 43·98	51·65	1	+3·374	
3181	5721	7	Piazzi XVI–259 - -	16 52 45·43	52·56	2	+3·871	−0·25
3182	5722	7·8	Aræ - - - -	16 52 50·94	52·54	2	+4·964	−0·05
3183	5723	6	29 Ophiuchi - - -	16 53 5·04	51·97	3	+3·503	
3184	5724	6	30 Ophiuchi - - -	16 53 9·10	51·59	2	+3·160	
3185	5727	6·7	Cape 1840 Cat., No. 2258	16 53 10·96	52·60	2	+6·345	−0·02
3186		7	Scorpii - - - -	16 53 38				
3187	5729	7	Taylor 7887 - - -	16 53 46·27	52·60	2	+4·059	−0·21
3188	5730	7·6	Ophiuchi - - -	16 54 22·54	51·92	2	+3·642	−0·01
3189	5733	6·7	28 Ophiuchi - - -	16 54 47				
3190	5735	5	Piazzi XVI–268 - -	16 54 57·66	52·59	2	+3·933	+0·02
3191	5736	6·7	Taylor 7892 - - -	16 55 0·27	52·57	2	+4·305	−0·11
3192	5737	6·7	Scorpii - - - -	16 55 0·90	51·60	2	+3·763	+0·11
3193	5739	7	Scorpii - - - -	16 55 7·85	52·60	2	+3·847	+0·06
3194	5742	6·7	Ophiuchi - - -	16 55 19·62	52·11	2	+3·643	+0·04
3195	5743	7·6	Ophiuchi - - -	16 55 23·51	52·63	2	+3·620	+0·02

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3156. This star was observed for B.A.C. 5685. Its R.A. is not known. The magnitude is taken from the Cape Observations.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3151	113 15 39·27	50·58	1	+ 6·38	+ 0·74	7051					9192
3152	130 34 36·79	50·56	2	+ 6·38	+ 0·16		5890				9203
3153	123 15 35·44	50·56	1	+ 6·35	− 1·25	7049					9200
3154	145 44 45·02	51·06	2	+ 6·35	− 0·02	7034	5892		419		9209
3155	121 13 18·14	51·07	2	+ 6·34	+ 0·99	7053					9202
3156	120 58 20·21	51·48	2	+ 6·33							
3157	115 17 11·81	51·09	2	+ 6·32	− 1·49	7059					9206
3158	95 54 14·50	51·56	1	+ 6·32					420		
3159	121 3 34·93	50·72	3	+ 6·30	+ 0·97	7058					9208
3160	140 23 48·07	50·89	2	+ 6·30	+ 1·14	7045	5897				9210
3161	149 5 10·09	50·60	2	+ 6·29	+ 2·50	7036	5895				9214
3162	122 5 30·87	51·03	2	+ 6·26	+ 1·34	7060					9211
3163	106 33 46·54	50·63	1	+ 6·25							
3164	123 0 57·34	50·59	1	+ 6·25	+ 0·64		5901				9213
3165	142 55 20·50	50·93	2	+ 6·23	+ 0·63	7050	5900		421		9220
3166	112 54 24·30	50·59	1	+ 6·22	+ 0·62						9215
3167	144 21 25·48	50·97	2	+ 6·20	+ 1·64	7052	5905				9222
3168	109 17 50·10	50·39	1	+ 6·18							
3169	146 19 10·94	51·08	2	+ 6·15	+ 1·00	7057	5909				9229
3170	115 49 14·74	51·06	2	+ 6·11	− 0·22	7070					9227
3171	140 53 55·19	51·14	3	+ 6·02	+ 1·50	7067					9239
3172	114 51 32·60	50·49	1	+ 5·97	+ 1·54	7082					9241
3173	105 49 48·37	50·55	1	+ 5·97							
3174	114 45 17·28	51·41	2	+ 5·95	− 2·09	7085					9244
3175	108 0 35·63	50·55	1	+ 5·95				274			
3176	143 0 17·26	50·89	4	+ 5·93	0·00	7073	5921				9246
3177	147 29 16·83	50·35	2	+ 5·89	+ 1·05	7072	5922				9256
3178	121 54 52·70	51·03	2	+ 5·85	+ 2·17	7089	5933				9253
3179	155 31 45·19	50·20	1	+ 5·82	+ 1·73	7071	5930				9267
3180	103 19 36·34	50·24	1	+ 5·80							
3181	122 1 58·96	51·10	2	+ 5·80	+ 1·34	7092	5936				9260
3182	145 55 9·66	50·31	4	+ 5·80	+ 1·70		5935				9265
3183	108 39 35·81	50·57	1	+ 5·77							
3184	93 59 32·72	51·50	1	+ 5·77							
3185	158 38 0·31	51·03	3	+ 5·76	− 1·42	7069	5932				9277
3186	121 23 35·15	50·38	2	+ 5·73	− 1·44						9266
3187	127 37 26·52	51·23	3	+ 5·72	+ 0·21	7101	5942				9271
3188	114 1 14·41	50·78	3	+ 5·66	+ 2·27	7108					9275
3189	115 28 43·53	50·44	3	+ 5·63	− 1·05						9282
3190	123 54 22·91	50·07	2	+ 5·62	− 1·70	7109	5950		422		9284
3191	133 53 28·68	51·05	2	+ 5·61	− 1·63	7106	5949				9289
3192	118 21 15·83	50·29	1	+ 5·61	+ 7·72*	7111					9283
3193	121 8 45·92	51·17	3	+ 5·60	+ 1·49	7110					9287
3194	114 1 25·63	50·99	2	+ 5·59	− 0·38	7119					9288
3195	113 10 23·20	51·04	2	+ 5·58	+ 0·99	7121					9290

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3196	5744	7·6	31 Ophiuchi - - -	16 55 30				
3197	5746	7	Piazzi XVI–273 - -	16 55 52·40	52·12	2	+ 3·545	
3198		8·9	Ophiuchi - - -	16 56 9·88	52·64	2	+ 3·679	
3199	5748	6·7	Piazzi XVI–277 - -	16 56 14·77	51·92	3	+ 3·318	+0·02
3200	5751	6	Cape 1840 Cat., No. 2263	16 56 26				
3201	5750	7	Scorpii - - - -	16 56 29·20	51·28	3	+ 3·772	+0·04
3202	5754	7	Rumker 486 - - -	16 56 46·05	52·60	2	+ 4·534	−0·37
3203	5755	7·6	Piazzi XVI–278 - -	16 56 47·89	52·55	2	+ 3·708	−0·13
3204	5756	7	Scorpii - - - -	16 56 56·66	52·56	2	+ 3·812	−0·01
3205	5758	7·6	Bradley 2162 - -	16 57 14·72	51·57	2	+ 3·574	−0·14
3206	5759	7	Piazzi XVI–284 - -	16 57 35·87	52·57	2	+ 3·707	−0·24
3207	5760	6	Piazzi XVI–289 - -	16 57 48·64	52·28	3	+ 3·086	
3208	5761	6	Cape 1840 Cat., No. 2267	16 57 59·55	52·63	2	+ 6·106	−0·25
3209	5762	7	Scorpii - - - -	16 58 6				
3210	5764	7·6	Rumker 487 - - -	16 58 17·94	52·60	2	+ 5·119	−0·12
3211	5766	7	Aræ - - - -	16 58 21·30	52·56	2	+ 5·655	+0·03
3212	5767	7	Ophiuchi - - -	16 58 45·10	52·12	2	+ 3·666	−0·09
3213	5768	6·7	Scorpii - - -	16 59 12·86	51·67	2	+ 3·821	+0·11
3214	5771	6·5	Piazzi XVI–297 - -	16 59 32·46	51·93	3	+ 3·475	
3215	5772	5·6	Piazzi XVI–294 - -	16 59 50·70	52·54	2	+ 4·333	−0·21
3216	5773	7	Aræ - - - -	17 0 18·14	52·60	2	+ 5·558	+0·03
3217	5774	6	Piazzi XVI–303 - -	17 0 29·42	51·57	2	+ 3·090	
3218	5778	4	Scorpii - - - η	17 1 25·23	52·57	2	+ 4·278	−0·16
3219	5779	7	Piazzi XVI–305 - -	17 1 25·60	51·62	2	+ 3·522	
3220	5781	2·3	35 Ophiuchi - - η	17 1 46·77	51·90	11	+ 3·430	−0·01
3221	5782	6	Taylor 7947 - - -	17 1 55·18	52·58	2	+ 4·131	−0·15
3222	5783	7	Cape 1840 Cat., No. 2771	17 2 7·36	52·58	2	+ 6·085	−0·07
3223	5784	7	Piazzi XVI–309 - -	17 2 10·51	51·60	1	+ 3·554	
3224	5789	7·6	Piazzi XVI–311 - -	17 2 51·16	52·09	2	+ 3·727	−0·04
3225	5791	7	Ophiuchi - - -	17 3 1·03	52·27	3	+ 3·677	+0·03
3226	5792	7	Ophiuchi - - -	17 3 1·73	52·33	4	+ 3·747	+0·03
3227	5793	6·7	Scorpii - - - -	17 3 13				
3228	5794	6	Cape 1840 Cat., No. 2274	17 3 32·20	52·60	1	+ 10·991	−0·11
3229	5796	7	Ophiuchi - - -	17 4 38·46	52·56	2	+ 3·750	−0·20
3230	5799	6	Aræ - - - -	17 4 50·78	52·60	2	+ 5·587	−0·34
3231	5800	7·6	Bradley 2174 - -	17 4 53				
3232	5803	6	Apodis - - ι	17 5 24·34	52·63	2	+ 6·632	−0·33
3233	5804	6	Piazzi XVII–9 - -	17 5 28·90	52·10	2	+ 3·926	−0·12
3234	5805	7	Scorpii - - -	17 5 38·80	52·61	2	+ 4·247	−0·14
3235	5806	6·5	Cape 1840 Cat., No. 2279	17 5 57·07	52·64	2	+ 5·280	+0·03
3236	5807	7·6	Piazzi XVII–10 - -	17 5 59·48	51·62	2	+ 3·933	−0·21
3237	5808	6 / 6·7	36 Ophiuchi - - A	17 6 7				
3238	5809	6	Scorpii - - -	17 6 16·81	51·58	2	+ 3·822	−0·01
3239	5810	5	Apodis - - ζ	17 6 20·64	52·17	2	+ 6·227	−0·26
3240	5812	7·6	Rumker 489 - - -	17 6 48				

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3196	115 25 34·48	50·44	3	+ 5·57	+ 2·04						9291
3197	110 16 43·10	50·99	2	+ 5·54							
3198	115 15 49·38	50·50	1	+ 5·52							
3199	100 52 22·38	50·58	1	+ 5·51	+ 1·30						9294
3200	151 28 13·68	50·91	2	+ 5·49	− 0·67	7102	5957				9307
3201	118 39 39·27	50·86	3	+ 5·49	− 0·03	7128					9296
3202	138 40 30·15	50·69	3	+ 5·46	+ 0·86	7118					9305
3203	116 22 9·48	51·08	2	+ 5·46	+ 1·05						9299
3204	119 56 20·08	51·06	2	+ 5·45	− 0·32	7132					9304
3205	111 21 5·37	50·58	1	+ 5·42	+ 1·80						9306
3206	116 18 14·75	51·60	1	+ 5·39	+ 0·61	7137					9309
3207	90 40 54·18	50·64	1	+ 5·38							
3208	156 59 47·13	50·95	2	+ 5·36	+ 3·24	7107	5962				9320
3209	120 52 14·38	51·12	2	+ 5·35	− 0·81	7139					9312
3210	147 49 31·46	51·09	2	+ 5·34	+ 0·40	7124	5965				9318
3211	153 29 16·73	51·10	2	+ 5·32	− 0·79	7115					9324
3212	114 47 36·89	51·03	2	+ 5·30	− 0·25	7145					9317
3213	120 11 56·38	50·55	1	+ 5·26	+ 1·80	7150					9322
3214	107 24 18·12	50·56	1	+ 5·23							
3215	134 21 28·00	50·34	2	+ 5·20	+ 1·19	7147	5975				9332
3216	152 32 34·94	50·93	2	+ 5·17	+ 0·92	7134					9342
3217	90 52 37·30	51·59	1	+ 5·15							
3218	133 2 6·73	51·32	4	+ 5·07	− 0·65	7155	5987		424	61	9345
3219	109 14 25·82	50·47	1	+ 5·07							
3220	105 32 2·26	50·43	1	+ 5·04	+ 1·51			276	425	102	9344
3221	129 18 46·74	50·32	2	+ 5·03	+ 0·84	7159	5990				9347
3222	156 45 51·46	50·88	2	+ 5·01	− 2·45	7142	5986				9359
3223	110 27 22·28	51·04	2	+ 5·01							
3224	116 50 57·65	50·66	4	+ 4·95	+ 2·32	7165					9355
3225	115 3 50·71	50·36	3	+ 4·94	+ 1·04	7169					9356
3226	117 34 17·25	50·90	2	+ 4·93	+ 0·74	7167					9357
3227	122 15 2·93	50·94	2	+ 4·92	− 0·73	7166					9360
3228	170 42 11·57	50·78	3	+ 4·89	− 0·17	7088	5982				9393
3229	117 36 47·66	50·95	2	+ 4·80	− 0·27	7175					9365
3230	152 41 58·39	50·90	2	+ 4·78	− 0·21	7161					9376
3231	116 47 58·20	51·08	2	+ 4·78	+ 0·95	7178					9368
3232	159 57 18·04	51·13	3	+ 4·73	− 0·54	7156	5999				9388
3233	123 22 9·15	51·06	2	+ 4·73	− 0·77	7179	6008				9375
3234	132 9 41·42	51·04	2	+ 4·72	+ 0·46	7177	6009				9378
3235	149 31 21·07	50·92	2	+ 4·69	+ 0·72	7170	6006				9387
3236	123 33 33·16	51·08	2	+ 4·68	+ 0·56	7187					9381
3237	116 22 38·05	50·42	3	+ 4·67	+ 0·59	7192	}		426		9382
	116 22 34·22	50·42	3	+ 4·67	+ 0·14	7192					9383
3238	120 1 55·45	50·53	2	+ 4·66	+ 0·50	7191					9384
3239	157 36 17·24	50·91	2	+ 4·65	− 1·66	7162	6007				9403
3240	140 2 17·19	50·55	2	+ 4·62	+ 1·26	7183					9395

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3241	5814	7	Aræ	17 6 58				
3242	5813	7·6	Bradley 2179	17 7 0				
3243	5815, 5816	7	Ophiuchi	17 7 14·25	51·80	3	+3·681	−0·02
3244	5817	6·7	Piazzi XVII–23	17 7 18·42	52·67	2	+3·900	+0·08
3245	5818	7·6	Scorpii	17 7 18·96	51·56	1	+3·827	−0·21
3246	5819	7	Aræ	17 7 32				
3247	5820	7·6	Scorpii	17 7 46				
3248	5821	3·4	64 Herculis α	17 7 48·60	52·49	11	+2·732	0·00
3249	5822	7	38 Ophiuchi	17 8 20·51	52·31	3	+3·719	+0·09
3250	5824	7·6	Piazzi XVII–28	17 8 34·79	52·61	1	+3·897	−0·26
3251	5825	7·6	Scorpii	17 8 44·96	50·55	1	+3·977	+2·57*
3252	5826	7·8	Scorpii	17 8 49·67	52·57	1	+3·814	−0·02
3253	5827	6·5	39 Ophiuchi	17 8 52·00	50·56	2	+3·654	−0·06
3254	5829	7·6	Piazzi XVII–31	17 8 52·16	50·56	2	+3·654	−0·39
3255	5830	4·5	41 Ophiuchi	17 8 54·62	52·96	3	+3·077	
3256	5831	7·6	Bradley 2182	17 8 57·71	52·64	1	+3·649	+0·12
3257	5832	6	Cape 1840 Cat., No. 2288	17 9 2·34	52·67	2	+5·938	−0·28
3258	5833	7	Scorpii	17 9 36·37	52·16	2	+3·861	−0·09
3259	5835	6	Aræ	17 9 57·13	52·66	1	+5·600	−0·03
3260	5836	6·7	Taylor 7995	17 10 0·20	52·63	2	+5·148	−0·08
3261	5837	6·5	Taylor 7999	17 10 48·25	52·62	2	+5·381	−0·10
3262	5838	7	Ophiuchi	17 10 56·38	52·51	2	+3·801	−0·05
3263	5839	6·7	Piazzi XVII–43	17 11 9·76	51·59	2	+3·485	
3264	5843	5·6	Aræ ι	17 12 1·06	51·57	2	+4·489	−0·17
3265	5844	4·5	40 Ophiuchi ξ	17 12 1·14	51·19	6	+3·571	
3266	5845	4·5	53 Serpentis ν	17 12 23·64	51·93	3	+3·365	
3267	5846	6·7	Bradley 2188	17 12 29·87	52·59	2	+3·674	−0·06
3268	5848	7	Scorpii	17 12 32				
3269		7	Ophiuchi	17 12 41·58	50·58	1	+3·862	−0·03
3270	5850	3·4	Aræ γ	17 12 46·82	52·62	2	+5·028	+0·08
3271	5851	3·4	42 Ophiuchi θ	17 12 48·08	51·88	7	+3·677	−0·01
3272	5852	3	Aræ β	17 12 50·54	52·63	2	+4·966	−0·07
3273	5855	6	Piazzi XVII–54	17 13 21·31	52·64	2	+4·336	−0·33
3274	5857	6	43 Ophiuchi	17 13 55·39	52·55	1	+3·767	−0·02
3275	5858	7	Piazzi XVII–62	17 13 56·66	52·58	2	+3·680	−0·08
3276	5859	5·6	Aræ κ^1	17 14 18·97	52·49	1	+4·660	−0·18
3277	5861	7·8	Ophiuchi	17 14 54·76	52·53	2	+3·783	+0·03
3278	5862	6·7	Piazzi XVII–70	17 14 55				
3279	5864	6	Taylor 8036	17 15 3·59	52·60	2	+4·738	−0·28
3280	5865	6·5	Aræ κ^2	17 15 31·30	52·49	1	+4·662	−0·13
3281		6·7	Aræ	17 15 40·93	52·62	2	+4·416	
3282		7	Aræ	17 15 41·35	52·56	2	+5·391	
3283	5866	6	Piazzi XVII–76	17 15 44·15	51·59	2	+3·582	
3284	5867	6·7	Piazzi XVII–73	17 15 48·29	52·66	2	+4·415	−0·28
3285	5868	7·6	Bradley 2196	17 15 56·41	52·12	2	+3·658	−0·08

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3269. This is B.A.C. 5849. Lacaille's observation, on which the B.A.C. place depends, is wrongly reduced by supposing it to be made in the upper instead of the lower part of the reticule.

3281, 3282. The magnitudes are taken from the Cape Observations.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3241	153 24 54·53	50·45	4	+ 4·59	+ 0·44	7173					9408
3242	116 19 28·58	50·53	3	+ 4·59	− 0·71	7203					9391
3243	115 7 51·07	50·93	2	+ 4·58	+ 0·50	7208					9394
3244	122 29 13·99	50·24	1	+ 4·57	+ 1·77	7202					9398
3245	120 10 42·02	51·02	2	+ 4·57	− 2·56	7206					9397
3246	136 37 45·18	50·57	2	+ 4·54	+ 1·16	7195	6019				9407
3247	119 59 33·14	51·06	2	+ 4·53	− 0·61	7212					9406
3248	75 26						6026			146	9396
3249	116 27 28·72	51·10	2	+ 4·48	+ 0·84	7220					9414
3250	122 23 4·13	51·11	2	+ 4·46	− 0·14	7216					9416
3251	124 48 55·62	50·55	2	+ 4·45	+ 5·50*	7215	6027				9423
3252	119 42 19·14	51·15	3	+ 4·44	+ 0·92	7222					9421
3253	114 7 5·32	50·96	2	+ 4·44	+ 0·15	7224					9419
3254	114 6 54·63	50·96	2	+ 4·44	+ 0·45						9418
3255	90 16								427		
3256	113 54 5·70	51·13	2	+ 4·43	+ 2·00	7225					9424
3257	155 32 38·06	51·10	2	+ 4·43	+ 0·03	7185	6024				9428
3258	121 11 42·31	50·89	3	+ 4·37	+ 1·95	7227					9426
3259	152 42 28·44	50·36	2	+ 4·34	+ 0·59	7199					9434
3260	147 51 6·15	50·91	2	+ 4·34	+ 1·41	7213	6035				9432
3261	150 31 12·17	50·96	2	+ 4·27	− 1·64	7214	6038				9441
3262	119 12 11·40	50·43	2	+ 4·26	+ 1·69	7238					9435
3263	107 35 39·01	50·55	1	+ 4·24							
3264	137 18 48·62	51·04	2	+ 4·17	+ 2·74	7236	6046				9444
3265	110 56 47·96	51·08	2	+ 4·17					428		
3266	102 41 24·03	50·59	1	+ 4·14					431		
3267	114 44 56·11	51·09	2	+ 4·13	− 1·42	7250					9445
3268	120 20 46·43	51·04	2	+ 4·12	+ 0·50	7246					9446
3269	121 8 32·30	51·05	4	+ 4·11	+ 0·96	7248					9451
3270	146 13 43·07	50·91	2	+ 4·10	+ 0·66	7233	6048	278	429	39	9457
3271	114 50 39·63	51·08	2	+ 4·10	+ 0·63	7254			432		9452
3272	145 22 49·52	50·38	2	+ 4·10	− 0·03	7237	6050		430	42	9459
3273	134 0 43·87	51·04	2	+ 4·05	− 0·97	7247	6051				9460
3274	117 59 28·73	50·59	1	+ 4·01	+ 1·31	7260	6059				9464
3275	114 56 50·73	50·54	2	+ 4·00	+ 0·69	7261					9463
3276	140 29 20·58	50·89	2	+ 3·97	+ 1·00	7253	6060				9469
3277	118 30 26·00	51·12	2	+ 3·92	− 1·29	7270					9474
3278	113 41 47·64	50·42	1	+ 3·92	+ 1·58	7274					9472
3279	141 48 23·31	51·07	2	+ 3·91	+ 1·60	7256	6063				9482
3280	140 29 23·15	50·89	2	+ 3·87	+ 1·46	7262	6067				9485
3281	135 40 55·89	50·95	2	+ 3·86							
3282	150 30 ±										
3283	111 17 44·92	50·40	2	+ 3·85							
3284	135 42 9·93	51·18	3	+ 3·84	+ 1·93	7267	6072				9488
3285	114 6 3·63	51·12	2	+ 3·83	− 0·54	7279					9483

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3286	5869	7·6	Ophiuchi - - -	17 15 56·55	52·64	2	+3·814	−0·11
3287	5870	6	Aræ - - - -	17 16 1·53	52·64	2	+4·760	0·00
3288	5872	6·7	Aræ - - - -	17 16 14				
3289	5873	7·8	Piazzi XVII–82 - -	17 16 42·02	52·56	1	+3·753	−0·15
3290	5875	7	Ophiuchi - - -	17 16 48·30	52·59	2	+3·777	−0·19
3291	5876	5·6	44 Ophiuchi - - *b*	17 17 12·73	51·61	2	+3·656	+0·10
3292	5879	7	Ophiuchi - - -	17 17 32				
3293	5877	3	Aræ - - - *δ*	17 17 34·34	52·60	3	+5·398	−0·08
3294	5878	7·6	Ophiuchi - - -	17 17 38·59	52·55	1	+3·706	−0·07
3295	5880	7	Piazzi XVII–88 - -	17 17 43·99	52·59	2	+3·584	
3296	5881	5·6	45 Ophiuchi - - *d*	17 17 46·84	52·62	3	+3·821	−0·08
3297	5882	7	Ophiuchi - - -	17 17 47·23	52·17	3	+3·788	0·00
3298	5884	7·6	Piazzi XVII–90 - -	17 18 4·13	52·59	1	+3·817	−0·11
3299	5885	6·7	Piazzi XVII–91 - -	17 18 10·80	52·67	2	+3·423	
3300	5888	6	Bradley 2202 - -	17 18 37·07	52·53	1	+3·359	
3301	5889	6	Rumker 492 - - -	17 18 38·90	52·65	2	+5·080	+0·03
3302	5890	5·6	Piazzi XVII–99 - -	17 18 40·55	52·61	1	+3·185	−0·33
3303	5891	6·7	Taylor 8070 - - -	17 18 47·58	52·56	2	+4·049	−0·22
3304	5892	7	Scorpii - - -	17 18 59·84	52·62	2	+3·869	−0·17
3305		8·9	Scorpii - - -	17 19 6·15	51·68	2	+3·856	
3306	5896	7·6	Piazzi XVII–100 - -	17 19 23·48	52·58	2	+3·695	+0·08
3307	5897	7	Scorpii - - -	17 19 30				
3308	5899	4	Aræ - - - *α*	17 20 15·33	52·55	2	+4·626	−0·11
3309	5901	3	34 Scorpii - - - *υ*	17 20 34·21	52·11	2	+4·069	+0·04
3310	5904	7	50 Ophiuchi - - c^1	17 21 41·56	51·94	3	+3·650	
3311	5905	7	Piazzi XVII–114 - -	17 21 52·23	51·59	2	+3·437	
3312	5906	6	Taylor 8090 - - -	17 22 12·99	52·59	2	+5·331	−0·01
3313	5907	6·5	51 Ophiuchi - - c^2	17 22 16·05	52·27	3	+3·653	−0·17
3314	5908	8·7	Scorpii - - -	17 22 17·66	52·59	2	+3·886	+0·01
3315	5909	6·7	Piazzi XVII–117 - -	17 22 25·78	52·56	2	+3·718	−0·17
3316	5910	6	Ophiuchi - - -	17 22 40·68	51·64	2	+3·092	
3317	5912	6	Taylor 8098 - - -	17 22 52·23	52·53	2	+4·558	−0·22
3318	5913	6·7	Taylor 8099 - - -	17 23 12·52	52·58	2	+4·837	−0·24
3319	5914	7	Scorpii - - -	17 23 16·17	52·62	2	+3·926	−0·10
3320	5915	2·3	35 Scorpii - - λ	17 23 25·69	52·64	2	+4·065	−0·06
3321	5916	7	Ophiuchi - - -	17 23 29·78	52·61	2	+3·817	−0·12
3322	5920	7	Piazzi XVII–128 - -	17 24 15·66	52·58	2	+3·484	
3323	5921	5	Aræ - - - *σ*	17 24 30·00	52·66	2	+4·458	−0·31
3324	5924	7·6	Scorpii - - -	17 24 54·67	52·62	2	+3·889	−0·04
3325	5925	6·7	Taylor 8115 - - -	17 24 54·72	50·59	2	+3·912	−0·07
3326	5926	6·7	Cape 1840 Cat., No. 2337	17 24 56·64	50·58	1	+6·301	−0·24
3327		7	Aræ - - - -	17 25 22·32	50·55	1	+5·086	−0·21
3328	5930	6	Aræ - - - *π*	17 25 47·03	52·58	2	+4·917	+0·26
3329	5932	5	Piazzi XVII–137 - -	17 26 13·61	52·57	2	+4·123	−0·37
3330	5933	7	52 Ophiuchi - - -	17 26 17·39	52·07	2	+3·603	

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3292. This is the nearest 7th magnitude to the B.A.C. place.

3305. The magnitude is taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3286	119 31 36·61	50·28	2	+ 3·83	+ 2·70	7278					9484
3287	142 9 24·52	50·93	2	+ 3·82	+ 1·64	7265	6074				9492
3288	145 1 57·91	50·45	2	+ 3·81	+ 0·87	7263	6075				9498
3289	117 27 29·47	50·46	1	+ 3·77	+ 0·25	7283					9495
3290	118 16 33·30	50·47	1	+ 3·76	+ 0·14	7284	6080				9497
3291	114 1 54·15	50·78	3	+ 3·72	+ 4·50*	7289					9503
3292	116 11 40·67	50·47	2	+ 3·68	− 0·19	7296					9504
3293	150 33 2·62	50·91	2	+ 3·68	− 0·74	7271	6081		434		9513
3294	115 48 20·17	51·04	2	+ 3·68	+ 0·26	7294					9505
3295	111 19 53·17	51·06	2	+ 3·68							
3296	119 43 31·62	51·11	2	+ 3·67	− 1·05	7293			435		9508
3297	118 37 59·86	51·08	2	+ 3·67	+ 2·22	7295					9507
3298	119 35 18·44	51·03	2	+ 3·65	+ 1·68						9509
3299	104 59 34·44	50·54	2	+ 3·64							
3300	102 22 28·26	50·58	1	+ 3·60							
3301	146 47 37·74	50·92	2	+ 3·60	+ 0·76	7281					9522
3302	94 56 56·15	50·66	1	+ 3·60	+ 2·94						9512
3303	126 38 48·36	50·56	1	+ 3·59	+ 0·34	7299	6088				9518
3304	121 15 9·85	50·42	3	+ 3·57	− 2·16	7302					9519
3305	120 48 0·93	51·51	2	+ 3·56							
3306	115 22 44·15	50·64	1	+ 3·53	+ 1·04	7307					9523
3307	121 24 17·86	50·62	2	+ 3·52	− 0·21	7305	6090				9524
3308	139 44 57·79	50·25	2	+ 3·46	+ 2·03	7301	6094	279	436	49	9530
3309	127 10 11·81	51·09	2	+ 3·43	− 0·99	7313	6098		437		9532
3310	113 43										
3311	105 30 44·30	50·47	1	+ 3·32							
3312	149 43 57·74	50·95	2	+ 3·29	+ 0·03	7309	6105				9553
3313	113 50 27·92	51·63	1	+ 3·29	+ 1·71	7333			438		9544
3314	121 42 27·34	51·23	3	+ 3·28	+ 0·80		6108				9547
3315	116 8 56·58	50·59	1	+ 3·27	+ 1·00	7334					9549
3316	90 56 1·61	50·64	1	+ 3·25							
3317	138 24 49·61	51·06	2	+ 3·23	+ 0·83	7323	6111				9557
3318	143 14 24·60	50·89	2	+ 3·21	+ 2·18	7321	6114				9563
3319	122 56 31·62	50·96	2	+ 3·20	− 0·30	7337					9558
3320	126 59 18·69	50·94	2	+ 3·19	− 1·00	7336	6116	280	439		9562
3321	119 32 7·44	50·42	3	+ 3·17	+ 0·66	7341					9561
3322	107 22 57·43	50·46	1	+ 3·12							
3323	136 23 42·97	51·14	3	+ 3·10	+ 1·85	7340	6121				9567
3324	121 45 43·07	51·09	2	+ 3·06	+ 0·56	7347	6126				9569
3325	122 28 18·33	50·73	3	+ 3·06	+ 0·39	7345	6125				9570
3326	157 45 15·97	51·07	2	+ 3·05	+ 0·71	7316	6119				9581
3327	146 43 0·56	50·43	3	+ 3·02	+ 0·55	7339					9578
3328	144 23 31·02	50·26	2	+ 2·98	+ 1·46	7342	6127				9584
3329	128 31 23·73	51·09	2	+ 2·95	+ 4·63	7350	6133				9585
3330	111 56 14·09	51·11	2	+ 2·94							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3331	5934	6	Apodis - - -	17 26 18·91	52·68	1	+ 7·176	−0·52
3332	5936	6	Octantis - - -	17 26 32·18	50·60	2	+35·166	−4·17*
3333	5935	2·3	Scorpii - - θ	17 26 32·80	52·55	2	+ 4·300	−0·18
3334	5938	7	Scorpii - - -	17 27 12·98	52·60	2	+ 3·898	−0·06
3335	5941	2	55 Ophiuchi - - α	17 27 58·38	52·38	15	+ 2·773	+0·07
3336	5943	7	Ophiuchi - - -	17 28 16·07	52·61	2	+ 3·785	−0·10
3337	5946	7·6	Ophiuchi - - -	17 28 45·20	52·62	2	+ 3·774	−0·07
3338	5947	5·6	Aræ - - - λ	17 28 49·30	52·63	2	+ 4·612	+0·04
3339	5948	6·7	Piazzi XVII–156 - -	17 28 59·95	52·61	2	+ 3·437	
3340	5949	5	55 Serpentis - - ξ	17 29 0·08	51·94	3	+ 3·433	−0·06
3341	5952	7	Ophiuchi - - -	17 29 33·06	52·57	2	+ 3·785	−0·24
3342	5953	5	57 Ophiuchi - - μ	17 29 41·71	52·61	1	+ 3·257	
3343	5954	6	Bradley 2219 - -	17 29 44·08	52·62	1	+ 3·601	
3344	5955	7	Ophiuchi - - -	17 29 46				
3345	5957	7	Piazzi XVII–159 - -	17 29 50·71	52·64	2	+ 3·906	−0·08
3346	5956	7	Ophiuchi - - -	17 29 51				
3347	5958	6	Taylor 8146 - - -	17 30 2·44	52·55	1	+ 4·484	−0·24
3348	5959	6·5	Octantis - - σ	17 30 2·75	52·70	7	+ 107·510	−0·40
3349	5960	7·6	Piazzi XVII–162 - -	17 30 14·81	52·59	1	+ 3·903	−0·02
3350	5961	7·6	Ophiuchi - - -	17 30 53·00	52·53	1	+ 3·801	−0·12
3351	5963	4	Pavonis - - η	17 31 1				
3352	5964	7	Piazzi XVII–167 - -	17 31 12·09	52·60	2	+ 3·904	+0·10
3353	5965	6·7	Cape 1840 Cat., No. 2351	17 31 14				
3354	5966	7	Ophiuchi - - -	17 31 16·45	52·14	2	+ 3·770	+0·15
3355	5968	7	Piazzi XVII–172 - -	17 31 52·04	52·62	2	+ 3·901	
3356	5969	6	Rumker 496 - - -	17 32 1·25	52·63	2	+ 5·151	+0·06
3357	5971	5·6	Aræ - - - μ	17 32 4·34	52·62	1	+ 4·754	−0·07
3358		7·6	Scorpii - - -	17 32 6·46	52·55	1	+ 3·948	−0·38
3359	5970	2·3	Scorpii - - κ	17 32 6·97	52·62	2	+ 4·143	−0·20
3360	5973	7·8	Aræ - - - -	17 32 34				
3361	5974	6	Piazzi XVII–179 - -	17 32 40·20	52·63	2	+ 4·066	+0·03
3362	5976	5	56 Serpentis - - o	17 32 59·24	51·12	2	+ 3·372	−0·08
3363	5977	6·7	Scorpii - - -	17 33 16·20	50·58	1	+ 3·931	−0·04
3364	5979	7·6	Taylor 8175 - - -	17 33 41·36	52·62	2	+ 5·364	−0·22
3365	5980	7·6	Scorpii - - -	17 33 46·45	52·62	2	+ 3·920	−0·33
3366	5981	7·6	Piazzi XVII–186 - -	17 33 51·31	52·53	1	+ 3·771	−0·06
3367	5983	7	Sagittarii - - -	17 33 53·19	50·60	2	+ 3·839	−0·01
3368	5982	6	Taylor 8178 - - -	17 33 56·93	52·55	1	+ 4·294	−0·18
3369	5984	7	Piazzi XVII–188 - -	17 34 3·75	52·57	2	+ 3·439	
3370	5987	6	58 Ophiuchi - - -	17 34 26·68	52·14	3	+ 3·597	−0·32
3371	5989	7	Ophiuchi - - -	17 35 9·05	52·53	2	+ 3·651	−0·04
3372	5992	7	Piazzi XVII–195 - -	17 35 21·42	51·59	2	+ 3·611	
3373	5993	6·7	Cape 1840 Cat., No. 2359	17 35 31·76	52·63	2	+ 5·826	−0·31
3374	5995	6	Taylor 8193 - - -	17 36 0·80	50·59	2	+ 5·535	+0·19
3375	5998	6	Taylor 8196 - - -	17 36 7·99	52·58	2	+ 4·994	−0·02

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3331	162 8 8·05	51·02	2	+ 2·94	− 2·74	7317					9595
3332	177 38 24·12	50·63	6	+ 2·92	+ 2·23*	7001	6058		433		9725
3333	132 53 45·63	50·92	3	+ 2·92	− 1·76	7351	6134	281	440	62	9586
3334	122 1 31·62	51·09	2	+ 2·86	+ 1·95	7358	6139				9587
3335	77 19						6145				9591
3336	118 20 18·88	50·99	2	+ 2·77	+ 2·10	7367					9599
3337	117 56 59·25	51·08	2	+ 2·72	− 0·15	7371					9600
3338	139 18 56·64	51·08	2	+ 2·72	+ 5·18*	7363	6146				9603
3339	105 28 26·13	50·59	1	+ 2·71							
3340	105 17 56·80	51·12	2	+ 2·70	+ 2·44			282	441		9601
3341	118 18 56·64	50·99	2	+ 2·66	+ 3·27	7378					9605
3342	98 1 20·29	50·64	1	+ 2·64					442		
3343	111 49 6·69	50·64	1	+ 2·64							
3344	119 26 15·92	51·00	2	+ 2·64	+ 0·58	7379					9606
3345	122 13 40·55	51·13	2	+ 2·63	+ 0·89		6154				9609
3346	119 52 2·87	51·03	2	+ 2·63	− 0·37	7380					9607
3347	136 49 58·59	50·99	2	+ 2·62	+ 0·34	7374	6153				9612
3348	179 16					6295	5912		423		10085
3349	122 6 36·98	50·59	1	+ 2·60	+ 0·26	7382	6156				9611
3350	118 50 3·37	51·09	2	+ 2·54	+ 1·18	7386					9616
3351	154 38 33·84	51·16	3	+ 2·53	+ 2·06	7364	6155		443		9628
3352	122 7 37·29	50·64	1	+ 2·51	+ 1·24		6163				9622
3353	154 14 46·64	51·05	2	+ 2·51	+ 0·87	7366	6157				9631
3354	117 48 17·93	50·94	2	+ 2·51	+ 0·50	7389					9623
3355	122 1 36·65	50·44	1	+ 2·46							
3356	147 27 59·65	51·07	2	+ 2·44	+ 1·70	7381					9635
3357	141 44 48·41	51·08	2	+ 2·42	+ 5·19*	7385	6166				9636
3358	123 25					7395					9630
3359	128 56					7393	6169	283	444	71	9632
3360	137 33 2·67	51·12	2	+ 2·39	+ 1·62	7390					9640
3361	126 51 50·45	51·14	2	+ 2·39	− 3·23	7397	6174				9638
3362	102 47								445		9637
3363	122 58 17·84	50·43	1	+ 2·34	+ 0·66	7402					9643
3364	149 55 17·68	50·27	1	+ 2·30	+ 0·33	7387	6175				9656
3365	122 35 5·99	51·06	2	+ 2·29	+ 0·38	7409	6179				9646
3366	117 48 20·51	50·57	1	+ 2·28	+ 1·18	7412					9647
3367	120 5 55·62	50·49	2	+ 2·27	+ 0·94	7411					9649
3368	132 39 15·85	51·09	2	+ 2·27	− 0·35	7404	6180				9652
3369	105 28 49·19	50·59	1	+ 2·27							
3370	111 36 17·92	50·58	1	+ 2·23	+ 0·25				446		9653
3371	113 36 16·25	50·98	2	+ 2·17	+ 1·13	7417					9663
3372	112 7 16·92	50·59	1	+ 2·15							
3373	154 14 36·99	50·92	2	+ 2·14	− 1·86	7396	6188				9669
3374	151 39 5·91	51·05	2	+ 2·09	+ 1·53	7403	6190				9672
3375	145 20 19·75	51·15	2	+ 2·09	+ 0·29	7413	6193				9670

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3376	6000	7·6	Rumker 497	17 36 31·34	52·61	2	+5·559	−0·23
3377	6004	2·3	Scorpii ι^1	17 37 5·80	52·58	2	+4·189	−0·07
3378	6007	6	Taylor 8212	17 38 6·08	52·62	2	+5·386	+0·06
3379	6008	6	3 Sagittarii	17 38 7·31	52·09	2	+3·771	+0·08
3380	6009	6	Aræ ν^1	17 38 16·35	52·58	2	+4·873	−0·13
3381	6010	6·7	Cape 1840 Cat., No. 2365	17 38 19·44	52·64	2	+5·983	−0·11
3382	6011	7	Sagittarii	17 38 27				
3383	6014	6	Aræ ν^2	17 39 3·58	52·60	2	+4·842	−0·26
3384	6015	6·7	Piazzi XVII–223	17 39 5·34	52·08	2	+3·746	−0·19
3385	6016	5·6	Piazzi XVII–227	17 39 25·98	52·55	2	+3·891	+0·13
3386	6017	7	Piazzi XVII–231	17 39 37·49	52·59	2	+3·856	+0·05
3387	6018	3·4	Piazzi XVII–229	17 39 39·19	52·60	2	+4·074	−0·17*
3388	6019	5·6	Scorpii ι^2	17 39 41·89	52·62	2	+4·190	−0·13
3389	6022	6·7	Taylor 8234	17 40 39·39	52·61	2	+4·429	−0·07
3390	6023	7	Ophiuchi	17 40 47·25	52·64	2	+3·668	−0·22
3391	6024	7·6	Piazzi XVII–238	17 40 58·24	52·63	2	+3·750	−0·07
3392	6025	6	Cape 1840 Cat., No. 2375	17 41 18				
3393	6026	7	Piazzi XVII–243	17 41 33·51	52·58	3	+3·856	−0·06
3394	6027	7·8	Piazzi XVII–247	17 42 1·74	52·58	2	+3·633	
3395	6028	6·7	Taylor 8243	17 42 9·71	52·62	2	+4·268	+0·28
3396	6029	6	Piazzi XVII–245	17 42 13·69	52·62	3	+3·995	
3397	6031	6·7	Piazzi XVII–248	17 42 21·77	52·62	2	+3·982	−0·04
3398	6032	7	Sagittarii	17 42 34				
3399	6034	7	Piazzi XVII–253	17 42 56·73	52·06	2	+3·542	
3400	6037	6	Scorpii	17 43 19·97	52·65	3	+3·994	−0·04
3401		7	Scorpii	17 43 20·94	52·61	1	+4·057	−0·04
3402	6038	6·7	Piazzi XVII–254	17 43 22·93	52·61	2	+3·999	−0·06
3403	6039	7·6	Sagittarii	17 43 26·41	52·62	2	+3·903	−0·14
3404	6040	7	Rumker 499	17 43 26·62	52·63	2	+5·407	+0·25
3405	6041	7	Piazzi XVII–257	17 43 29·21	51·64	3	+3·532	
3406		6·7	Scorpii	17 43 44·20	52·59	1	+3·996	
3407	6042	6·7	Piazzi XVII–256	17 43 45·65	52·57	2	+3·996	
3408	6043	7	Piazzi XVII–258	17 43 54·98	52·57	2	+3·995	−0·05
3409	6044	7	Sagittarii	17 44 9·82	52·53	2	+3·757	+0·08
3410		7·6	Scorpii	17 44 14·70	52·57	1	+3·994	−0·03
3411	6045	7·6	Taylor 8259	17 44 21·57	52·57	2	+3·999	−0·10
3412	6046	6·7	Taylor 8260	17 44 28·85	52·60	2	+3·985	−0·13
3413	6049	6	Piazzi XVII–265	17 44 43·63	52·63	2	+3·327	
3414	6050	6·7	Taylor 8261	17 44 54·75	52·67	2	+5·114	−0·04
3415	6051	6·7	Taylor 8264	17 44 59·20	52·64	2	+4·056	−0·19
3416	6053	6·7	63 Ophiuchi	17 45 40·24	52·58	2	+3·689	−0·13
3417	6054	6	Piazzi XVII–270	17 45 46·53	51·60	2	+3·337	
3418	6055	6	Taylor 8267	17 45 50·94	52·64	2	+4·373	−0·07
3419	6057	7·6	Sagittarii	17 46 27·61	52·56	2	+3·919	−0·01
3420	6058	6·7	Sagittarii	17 47 0·59	52·58	2	+3·926	−0·24

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3406, 3410. The magnitudes are taken from the Cape Observations.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3376	151 51 55·89	51·06	2	+ 2·05	+ 0·03	7408	6194				9677
3377	130 3 44·35	50·94	2	+ 2·00	+ 0·38	7425	6198	284	447	69	9675
3378	150 6 29·23	51·16	3	+ 1·91	+ 0·52	7419	6200				9689
3379	117 46 4·26	51·31	2	+ 1·91	− 0·37	7440			448		9679
3380	143 33 18·37	50·95	2	+ 1·90	+ 0·56	7426	6204				9687
3381	155 26 2·58	51·06	2	+ 1·89	+ 1·07	7416	6201				9696
3382	122 36 32·15	50·58	1	+ 1·87	+ 1·20	7441					9685
3383	143 4 32·35	51·17	3	+ 1·83	+ 0·57	7428	6208				9701
3384	116 54 55·58	50·45	1	+ 1·83	+ 0·49	7450					9691
3385	121 38 43·50	51·04	2	+ 1·80	+ 0·89	7451					9698
3386	120 32 20·36	51·03	2	+ 1·78	+ 1·48	7453					9702
3387	126 59 21·95	50·95	2	+ 1·78	− 1·78	7449	6214		449		9705
3388	130 2 7·41	51·03	2	+ 1·77	+ 0·36	7447	6213				9707
3389	135 32 59·88	51·43	2	+ 1·69	+ 0·97	7454	6220				9717
3390	114 9 9·06	50·90	2	+ 1·68	+ 0·41	7460					9712
3391	117 0 27·95	50·29	1	+ 1·66	+ 1·16	7461					9716
3392	155 40 3·13	51·00	2	+ 1·64	+ 8·89*	7432	6219				9727
3393	120 30 25·32	51·04	2	+ 1·61	+ 0·37	7465					9723
3394	112 52 9·09	51·00	2	+ 1·57							
3395	131 56 35·33	51·07	2	+ 1·56	+ 4·39	7463	6227				9726
3396	124 45 8·88	51·09	2	+ 1·55			6228				
3397	124 22 15·24	51·05	2	+ 1·54	− 1·71	7467	6230				9729
3398	121 16 53·69	50·98	3	+ 1·51	+ 1·20	7469					9731
3399	109 28 32·89	50·54	1	+ 1·49							
3400	124 41 17·63	51·26	3	+ 1·46	− 0·66		6236				9737
3401	126 28						6237				9739
3402	124 51 9·47	51·06	2	+ 1·45	− 0·15		6238				9740
3403	121 59 22·45	51·04	2	+ 1·45	+ 0·40	7477					9741
3404	150 17 19·84	50·93	2	+ 1·45	− 0·78		6232				9744
3405	109 4 35·78	50·59	1	+ 1·44							
3406	124 45										
3407	124 44 42·20	51·07	2	+ 1·42			6240				
3408	124 42 45·69	51·05	4	+ 1·41	− 1·59	7478	6241				9742
3409	117 14 32·53	51·05	2	+ 1·38	− 0·31	7480					9743
3410	124 41 17·90	51·26	3	+ 1·38	− 0·13						9745
3411	124 50 22·63	51·06	2	+ 1·37	− 0·12		6243				9746
3412	124 25 41·93	51·26	3	+ 1·36	+ 0·14		6246				9747
3413	100 51 27·26	50·58	1	+ 1·34							
3414	146 51 50·80	51·13	3	+ 1·32	+ 1·04	7471	6245				9755
3415	126 26 20·57	51·20	3	+ 1·31	+ 0·43	7483	6249				9752
3416	114 51 5·83	50·96	2	+ 1·25	+ 0·08	7491					9757
3417	101 18 3·25	50·30	1	+ 1·24							
3418	134 18 36·38	50·91	2	+ 1·24	+ 0·41	7485	6253				9759
3419	122 26 37·64	50·93	2	+ 1·18	− 1·57	7494					9763
3420	122 39 33·13	50·42	3	+ 1·14	+ 0·57	7502					9767

An asterisk * in the column " Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3421	6059	7	Sagittarii - - -	17 47 2·63	52·55	2	+3·743	−0·04
3422	6060	6·7	Piazzi XVII–277 -	17 47 5·76	52·11	2	+3·524	
3423	6061	5	Piazzi XVII–272 -	17 47 8·53	52·63	2	+4·260	−0·24
3424	6063	7·6	Sagittarii - - -	17 47 13·76	52·55	2	+3·782	−0·08
3425	6064	7	Piazzi XVII–279 -	17 47 19·72	51·67	2	+3·608	
3426	6065	6	Piazzi XVII–281 -	17 47 41·50	52·56	2	+3·448	
3427	6066	7	Bradley 2242 - -	17 47 57·64	52·60	2	+3·663	
3428	6067	6·7	Cape 1840 Cat., No. 2383	17 48 10·99	52·65	1	+6·145	−0·22
3429		8	Scorpii - - -	17 48 40·64	52·61	1	+4·071	
3430	6070	6	Taylor 8293 - -	17 48 44·52	52·61	1	+4·071	−0·11
3431	6071	6	Piazzi XVII–293 -	17 48 52·70	51·64	2	+3·165	
3432	6072	6·7	Sagittarii - - -	17 49 8·11	52·55	2	+3·803	−0·07
3433	6074	5·6	Piazzi XVII–294 -	17 49 27·49	52·57	2	+3·849	−0·11
3434	6075	7	Sagittarii - - -	17 49 41·07	52·48	2	+3·822	+0·03
3435	6076	7	Sagittarii - - -	17 50 3·24	52·56	2	+3·951	−0·05
3436	6077	6	4 Sagittarii - - -	17 50 38·21	52·58	3	+3·660	−0·17
3437	6078	4·3	64 Ophiuchi - - ν	17 50 46·28	51·64	3	+3·330	−0·05
3438	6080	7	5 Sagittarii - - -	17 50 59				
3439	6081	6·7	Piazzi XVII–304 -	17 51 4·93	52·54	1	+3·565	
3440	6083	6·7	Taylor 8314 - -	17 51 39·79	52·55	3	+4·054	−0·06
3441		7·8	Sagittarii - - -	17 52 1·47	52·58	3	+4·054	−0·17
3442	6085	5	57 Serpentis - - ζ	17 52 33·69	52·58	2	+3·156	
3443	6086	7	6 Sagittarii - - -	17 52 40·27	52·60	2	+3·483	
3444	6088	6	Piazzi XVII–312 -	17 52 49·27	52·56	3	+3·632	
3445	6090	6	Cape 1840 Cat., No. 2393	17 53 6·56	52·62	2	+5·879	−0·41
3446	6093	7·6	Taylor 8324 - -	17 53 20·51	52·61	2	+5·258	+0·02
3447	6097	6·5	7 Sagittarii - - -	17 53 39				
3448	6098	6	Piazzi XVII–323 -	17 53 40·51	52·55	2	+3·577	
3449	6099	7	Piazzi XVII–326 -	17 53 56·92	52·56	1	+3·630	
3450	6100	6	Pavonis - - π	17 54 8·39	50·56	2	+5·771	+0·09
3451	6102	6	9 Sagitarii - - -	17 54 40·75	52·65	2	+3·676	−0·20
3452	6103	6·7	Taylor 8341 - -	17 54 44·49	52·63	1	+4·038	−0·01
3453		7·6	Piazzi XVII–333 -	17 54 45·34	52·58	1	+3·675	−0·13
3454	6104	6·5	69 Ophiuchi - - τ	17 54 54·97	51·60	2	+3·263	−0·05
3455	6105	4·5	Aræ - - - θ	17 54 57·42	52·64	2	+4·669	−0·15
3456		7	Sagittarii - - -	17 55 13·97	52·61	3	+3·677	−0·15
3457	6107	4·5	Sagittarii - - γ^1	17 55 26·36	51·69	2	+3·829	−0·01
3458	6108	7	Sagittarii - - -	17 55 31·55	52·63	2	+3·712	−0·20
3459	6111	6·7	Piazzi XVII–342 - -	17 55 58·57	52·57	2	+3·677	−0·06
3460	6112	6·5	Piazzi XVII–341 - -	17 55 59·18	52·64	2	+4·336	−0·02
3461	6113	7	Sagittarii - - -	17 56 6·91	52·62	2	+3·820	−0·09
3462	6115	3·4	10 Sagittarii - - γ^2	17 56 10·31	52·13	2	+3·856	0·00
3463	6117	6·7	Taylor 8360 - - -	17 56 15·78	52·60	2	+4·043	+0·13
3464	6118	6·5	Taylor 8357 - - -	17 56 29·69	52·63	2	+5·588	−0·35
3465	6119	6	Pavonis - - -	17 57 9·16	51·29	1	+6·907	−0·23

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3429. The magnitude is taken from the Cape Observations.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3421	116 44 24·19	50·86	2	+ 1·13	+ 1·90	7506					9766
3422	108 46 15·33	50·36	1	+ 1·13							
3423	131 41 18·28	51·09	2	+ 1·12	− 0·02	7497	6258				9771
3424	118 2 6·20	51·02	2	+ 1·12	+ 1·75	7508					9768
3425	111 55 29·88	51·06	2	+ 1·11							
3426	105 46 50·83	51·30	2	+ 1·08							
3427	113 54 42·75	50·58	1	+ 1·05							
3428	156 31 18·88	50·95	2	+ 1·03	+ 1·65	7481	6260				9792
3429	126 50										
3430	126 50 10·48	50·97	2	+ 0·99	+ 0·10	7513	6265				9784
3431	94 3 17·35	50·67	1	+ 0·97							
3432	118 44 11·97	51·18	3	+ 0·95	− 0·02	7519					9786
3433	120 13 54·20	50·45	1	+ 0·92	− 0·60	7521			450		9795
3434	119 22 8·72	50·98	2	+ 0·90	+ 1·61		6272				9797
3435	123 23 23·89	50·97	2	+ 0·87	+ 0·45	7524					9799
3436	113 47 48·28	50·49	1	+ 0·82	+ 1·60	7526			451		9803
3437	99 45 0·98	50·68	1	+ 0·81	+ 2·94			285	452		9802
3438	114 16 0·30	51·52	1	+ 0·79	+ 0·27	7530					9805
3439	110 19 20·76	51·02	2	+ 0·78							
3440	126 21 54·40	50·95	2	+ 0·73	+ 0·15	7531	6281				9808
3441	126 20 54·48	51·59	1	+ 0·70	− 0·13						9811
3442	93 40 30·91	50·68	1	+ 0·65							
3443	107 8 46·70	50·36	1	+ 0·64					453		
3444	112 46 12·91	50·94	2	+ 0·63							
3445	154 32 56·47	51·57	1	+ 0·60	+ 2·60	7523	6286				9824
3446	148 34 13·16	50·90	2	+ 0·58	+ 0·35	7528	6288				9823
3447	114 16 32·33	50·93	2	+ 0·56	− 0·36	7538					9820
3448	110 43 51·39	50·28	1	+ 0·55							
3449	112 42 46·34	50·94	2	+ 0·53							
3450	153 39 55·46	51·13	3	+ 0·51	+ 0·27	7527	6291				9833
3451	114 21 28·83	50·41	3	+ 0·47	+ 0·20	7547					9827
3452	125 53 56·74	51·03	2	+ 0·46	+ 1·80	7542	6297				9831
3453	114 18										9829
3454	98 10 28·82	50·37	1	+ 0·45	+ 2·50				455		9828
3455	140 5 37·66	50·94	2	+ 0·44	+ 0·68	7535	6296	287	454		9836
3456	114 23										9834
3457	119 34 50·58	51·05	2	+ 0·40	+ 0·43	7552			456		9839
3458	115 36 22·40	50·94	2	+ 0·39	+ 0·74	7554					9841
3459	114 24 1·43	51·03	2	+ 0·35	+ 0·49						9845
3460	133 25 33·12	51·06	2	+ 0·35	+ 0·62	7550	6302				9853
3461	119 16 44·01	50·97	2	+ 0·34	+ 2·89	7556					9850
3462	120 25 12·21	51·07	2	+ 0·34	− 1·01	7557			457		9852
3463	126 1 29·50	51·00	2	+ 0·33	+ 0·04	7555	6306				9855
3464	152 1 27·50	51·08	2	+ 0·31	− 5·48*		6303				9861
3465	160 46 15·77	50·84	3	+ 0·25	+ 2·32	7532					9871

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3466	6120	7·6	Piazzi XVII–351	17 57 16·62	52·55	2	+3·793	+0·03
3467	6121	6	Piazzi XVII–348	17 57 23·23	52·62	2	+4·444	−0·05
3468	6124	6	Piazzi XVII–357	17 57 57·18	51·65	2	+3·266	
3469	6125	7	Piazzi XVII–356	17 58 11·59	52·58	2	+3·596	
3470	6127	.5	Piazzi XVII–359	17 58 35·07	52·55	2	+3·796	−0·03
3471	6128	7·6	Piazzi XVII–354	17 58 47·23	52·62	2	+4·406	+0·03
3472	6131	7	Sagittarii	17 59 16·85	52·64	2	+3·879	+0·04
3473	6130	7·6	Sagittarii	17 59 17·72	52·58	2	+3·843	+0·03
3474	6132	7	Sagittarii	17 59 37·60	52·61	2	+3·708	−0·08
3475	6133	7	Piazzi XVII–364	17 59 38·87	52·64	2	+3·596	
3476	6135	6	Taylor 8383	17 59 44·61	52·62	2	+4·531	−0·09
3477	6136	6	Rumker 501	17 59 50·56	51·26	3	+5·777	−0·24
3478	6138	7	Piazzi XVII–365	17 59 56·14	52·61	2	+3·726	−0·11
3479	6140	4	Telescopii ϵ	18 0 5·85	52·63	2	+4·454	−0·31
3480	6141	7	Piazzi XVII–366	18 0 7·39	52·64	2	+3·666	
3481	6139	6·7	Sagittarii	18 0 10·16	52·19	2	+3·930	−0·04
3482	6144	7·8	Sagittarii	18 0 15·85	52·67	2	+3·911	−0·02
3483	6145	6	Piazzi XVII–367	18 0 25·57	52·61	2	+3·866	−0·19
3484	6146	6·7	Taylor 8398	18 1 11·62	50·59	2	+4·697	+0·04
3485	6148	5	Pavonis	18 1 26·49	52·65	2	+5·704	−0·66
3486	6149	7·6	Octantis	18 1 38				
3487	6153	7	Piazzi XVII–383	18 1 47·48	52·53	2	+3·717	−0·07
3488	6154	6	Pavonis	18 1 58·15	50·55	1	+6·424	−0·32
3489	6156	6	Octantis	18 2 14				
3490	6158	7	B. F. 2471	18 2 21·53	52·10	2	+3·554	
3491	6160	7·6	Sagittarii	18 2 26·37	52·63	2	+3·809	−0·14
3492	6161	5·6	Bradley 2276	18 2 34·22	52·66	2	+3·658	+0·04
3493	6163	7	Sagittarii	18 3 8·91	52·69	2	+3·790	−0·01
3494	6164	6·5	Octantis	18 3 24				
3495	6166	7·6	Sagittarii	18 3 51·23	52·22	2	+3·906	+0·06
3496	6165	7	12 Sagittarii	18 3 55·97	50·63	2	+3·642	
3497	6167	6·5	Taylor 8417	18 4 29·50	52·69	1	+5·057	−0·28
3498	6168	4	13 Sagittarii μ	18 4 47·61	52·36	33	+3·586	+0·02
3499	6169	6	Piazzi XVIII–5	18 4 56·68	52·70	1	+4·373	+0·01
3500	6170	6	Pavonis	18 5 9·44	50·61	2	+5·802	−0·58*
3501	6171	6·7	Taylor 8420	18 5 11				
3502	6172	6	14 Sagittarii	18 5 15·44	52·53	1	+3·604	
3503	6173	7·6	Pavonis	18 5 29·25	50·60	2	+3·836	+0·01
3504	6174	7	Taylor 8424	18 5 41				
3505	6176	7	Piazzi XVIII–9	18 5 48·50	52·68	1	+3·943	−0·09
3506	6175	7	Sagittarii	18 5 49				
3507	6179	6	15 Sagittarii	18 6 16·43	52·59	1	+3·577	
3508	6180	6	16 Sagittarii	18 6 17·54	51·66	2	+3·568	
3509	6181	7	Sagittarii	18 6 28·67	52·13	2	+3·880	−0·08
3510	6182	7	Sagittarii	18 6 35·40	52·61	2	+3·885	+0·28

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3466	118 22 15·10	50·62	1	+ 0·24	− 0·25	7570					9860
3467	135 46 36·55	50·96	2	+ 0·23	+ 0·86	7558	6310				9863
3468	98 19 49·24	50·36	1	+ 0·18							
3469	111 27 13·25	51·11	2	+ 0·16							
3470	118 28 5·48	50·54	1	+ 0·12	− 0·27	7579			458		9869
3471	134 57 38·85	51·11	2	+ 0·11	− 1·71	7575	6315				9873
3472	121 10 26·99	50·99	2	+ 0·06	+ 1·12	7582					9876
3473	120 0 28·16	50·90	2	+ 0·06	− 0·12	7583					9875
3474	115 29 19·77	51·25	3	+ 0·03	− 1·05	7587					9880
3475	111 27 52·45	51·29	3	+ 0·03							
3476	137 31 52·33	51·12	2	+ 0·02	+ 2·73	7578	6325				9886
3477	153 42 47·10	51·13	3	+ 0·02	+ 1·63	7561	6320				9895
3478	116 7 11·77	51·66	1	+ 0·01	+ 8·73*						9884
3479	135 58 22·83	50·96	2	+ 0·01	+ 1·84	7581	6326		459		9889
3480	114 0 18·82	50·28	1	− 0·01							
3481	122 43 56·29	50·93	2	− 0·01	+ 3·49	7588					9887
3482	122 9 44·67	51·93	2	− 0·02	+ 0·50	7589					9888
3483	120 44 47·99	51·09	2	− 0·04	+ 0·88	7590					9891
3484	140 34 52·78	51·27	3	− 0·11	+ 2·88	7585	6334				9899
3485	153 5 7·22	51·09	2	− 0·12	+ 1·66	7577	6329				9905
3486	169 19 12·03	51·21	3	− 0·13	+ 2·86	7529	6319				9934
3487	115 47 11·88	51·09	2	− 0·16	− 1·96	7603					9900
3488	158 15 53·50	51·28	4	− 0·16	+ 0·34	7574	6332				9916
3489	170 17 16·70	50·52	2	− 0·19	+ 1·82	7525	6324				9947
3490	109 51 56·30	51·14	2	− 0·21							
3491	118 55 38·63	51·12	2	− 0·21	+ 0·73	7609					9906
3492	113 43 33·02	50·60	1	− 0·23	+ 2·25	7613					9907
3493	118 15 54·81	51·60	2	− 0·28	− 1·05	7616					9913
3494	165 5 39·56	51·06	2	− 0·29	+ 1·20	7559	6337				9943
3495	121 59 53·86	50·98	2	− 0·34	+ 2·47	7619					9925
3496	113 8 52·35	50·58	2	− 0·34							
3497	146 3 42·87	50·89	2	− 0·39	+ 1·63	7608	6347				9936
3498	111 5 30·53	51·35	1	− 0·42	+ 2·53			288	460	93	9932
3499	134 14 42·27	51·15	3	− 0·43	− 0·86	7621					9937
3500	153 55 12·85	51·17	3	− 0·45	+ 7·10*	7601	6348				9951
3501	141 6 29·56	50·96	2	− 0·46	+ 0·57	7618	6350				9945
3502	111 44 53·28	50·36	1	− 0·46							
3503	119 51 35·89	50·49	2	− 0·49	− 0·13	7634					9941
3504	126 36 44·86	51·01	2	− 0·50	+ 1·89	7630	6355				9948
3505	123 7 48·18	51·01	2	− 0·51	+ 0·04	7632					9950
3506	122 22 49·05	50·94	2	− 0·51	+ 2·28	7635					9949
3507	110 46 2·46	50·59	1	− 0·55							
3508	110 25 37·30	50·59	1	− 0·55							
3509	121 12 1·32	50·28	2	− 0·57	− 0·18	7637					9954
3510	121 21 43·95	51·02	2	− 0·58	− 0·03	7639					9956

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3511	6183	7·6	Piazzi XVIII–16 - -	18 6 59·20	52·67	2	+4·123	+0·04
3512	6186	4·3	Sagittarii - - η	18 7 28·71	52·67	2	+4·070	−0·10
3513	6187	7·6	Sagittarii - - -	18 7 31·29	52·62	2	+3·774	−0·03
3514	6188	7	Sagittarii - - -	18 7 33·38	52·65	2	+3·884	−0·20
3515	6189	7	17 Sagittarii - - -	18 7 39·17	52·63	3	+3·573	
3516	6190	6	Sagittarii - - -	18 7 53·52	52·63	2	+3·802	−0·10
3517	6191	7·6	Piazzi XVIII–21 - -	18 7 53·53	52·66	2	+3·791	+0·08
3518	6192	7	Sagittarii - - -	18 7 57·98	52·66	2	+3·953	−0·01
3519	6194	5·6	Piazzi XVIII–24 - -	18 8 39·89	52·56	2	+3·754	−0·07
3520	6195	7	Piazzi XVIII–25 - -	18 8 40·72	52·57	2	+3·518	
3521	6196	7·8	Bradley 2293 - -	18 9 1·46	52·61	2	+3·142	
3522	6197	6·7	Bradley 2292 - -	18 9 8·59	52·69	2	+3·301	
3523	6198	5·4	Taylor 8440 - - -	18 9 23·64	50·59	2	+5·537	+0·28
3524	6199	6·7	Sagittarii - - -	18 9 24·86	52·62	2	+3·712	−0·17
3525	6200	7	Taylor 8441 - - -	18 9 25·60	52·68	2	+5·462	+0·58
3526	6201	7·8	Sagittarii - - -	18 9 54·90	51·69	1	+3·522	
3527	6202	7	Sagittarii - - -	18 10 43·76	52·16	2	+3·885	−0·10
3528		9	Sagittarii - - -	18 10 55·76	52·62	1	+3·695	
3529	6204	7	Sagittarii - - -	18 11 3·11	51·92	2	+3·951	−0·13
3530	6207	7·6	Pavonis - - -	18 11 17·66	52·63	2	+5·701	−0·14
3531	6205	6·7	Octantis - - -	18 11 20·34	52·55	1	+12·460	−0·24
3532	6209	3·2	19 Sagittarii - - δ	18 11 23·44	52·62	2	+3·838	+0·03
3533	6210	6	Bradley 2296 - -	18 11 30·63	52·56	2	+3·451	
3534	6212	7	Sagittarii - - -	18 11 32·91	50·56	2	+3·914	−0·11
3535	6211	7	18 Sagittarii - - -	18 11 35·54	52·62	2	+3·873	−0·10
3536	6214	7	Sagittarii - - -	18 11 53·38	52·61	1	+3·726	−0·04
3537	6215	6	Piazzi XVIII–34 - -	18 11 58·02	52·65	2	+4·141	−0·11
3538	6217	6	Sagittarii - - -	18 12 17·25	52·65	2	+3·693	−0·06
3539	6219	7	Telescopii - - -	18 12 26				
3540	6220	6·7	Sagittarii - - -	18 12 30·74	52·55	2	+3·795	−0·09
3541	6221	6	Piazzi XVIII–37 - -	18 12 43·16	52·61	2	+4·067	−0·07
3542	6222	7	Sagittarii - - -	18 12 57·42	52·60	2	+3·637	−0·09
3543	6225	7	Piazzi XVIII–43 - -	18 13 9·09	52·56	2	+3·463	
3544	6226	6	Piazzi XVIII–42 - -	18 13 21·24	52·65	2	+4·051	−0·16
3545	6228	6	Piazzi XVIII–39 - -	18 13 23·53	52·67	2	+4·368	−0·26
3546	6229	3	58 Serpentis - - η	18 13 33·07	51·69	1	+3·139	−0·20
3547	6230	6·7	Cape 1840 Cat., No. 2429	18 13 38·34	52·68	2	+7·739	−0·08
3548	6233	3·2	20 Sagittarii - - ϵ	18 14 12·95	51·24	6	+3·986	−0·05
3549	6236	7	Sagittarii - - -	18 14 49·45	50·58	1	+3·917	−0·03
3550	6239	6	Piazzi XVIII–52 - -	18 15 22·91	52·13	2	+3·867	−0·36
3551	6240	4·5	Telescopii - - α	18 15 51·04	52·59	2	+4·454	−0·23
3552	6242	6·7	Pavonis - - -	18 15 59·78	52·61	1	+7·142	−0·13
3553	6244	7	Sagittarii - - -	18 16 10·15	52·55	2	+3·899	−0·24
3554	6247	6	21 Sagittarii - - -	18 16 24·96	51·68	2	+3·572	
3555	6249	7	Sagittarii - - -	18 17 2·57	51·93	2	+3·855	−0·16

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3526. The preceding and South of two stars.

3526, 3528. The magnitudes are taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3511	128 13 18·23	51·10	2	− 0·61	+ 0·29	7640					9958
3512	126 48 2·70	50·28	1	− 0·65	+ 2·21	7643	6360		461		9962
3513	117 45 20·39	50·54	2	− 0·66	+ 4·34	7650					9960
3514	121 20 32·61	51·02	2	− 0·66	+ 0·29	7647					9961
3515	110 35 17·88	50·59	1	− 0·67							
3516	118 41 51·29	51·08	2	− 0·69	0·00	7653					9966
3517	118 19 43·19	50·59	1	− 0·69	+ 5·47*	7654					9965
3518	123 26 35·58	51·10	2	− 0·70	− 0·65	7651					9967
3519	117 5 29·36	51·14	2	− 0·76	− 1·04	7659					9973
3520	108 30 39·83	50·62	1	− 0·76							
3521	93 2 35·87	50·63	1	− 0·79							
3522	99 48 15·92	50·58	1	− 0·80							
3523	151 33 12·28	51·16	3	− 0·82	− 0·12	7638	6366				9984
3524	115 39 16·90	51·30	4	− 0·83	+ 1·30	7660					9978
3525	150 48 29·18	50·40	2	− 0·83	− 1·77	7641	6368				9985
3526	108 40 19·30	50·35	1	− 0·86							
3527	121 22 26·41	51·02	2	− 0·94	− 0·07	7668					9988
3528	115 0										
3529	123 23 29·27	50·93	2	− 0·97	+ 0·13	7669					9991
3530	153 5 2·63	51·25	4	− 0·99	+ 3·84	7656	6373				10001
3531	171 54 18·21	50·77	4	− 0·99	+ 0·92	7562	6362				10025
3532	119 53 9·81	51·00	2	− 1·00	− 0·83	7670	6377		462		9992
3533	105 53 16·83	50·79	2	− 1·01							
3534	122 14 28·51	50·81	3	− 1·01	+ 0·32	7673					9993
3535	121 0 1·21	50·42	2	− 1·01	+ 2·38	7672					9994
3536	116 8 45·94	50·97	2	− 1·04	− 1·45	7676					9996
3537	128 43 4·98	51·09	2	− 1·05	+ 1·04	7671	6379				9998
3538	114 58 35·83	50·96	2	− 1·08	+ 0·33	7681					9999
3539	147 9 48·55	51·19	3	− 1·09	+ 1·23	7663					10007
3540	118 29 33·83	51·03	2	− 1·09	+ 0·18	7682					10002
3541	126 43 59·53	51·11	2	− 1·11	+ 1·19	7677	6382				10003
3542	112 59 6·10	51·26	3	− 1·13	+ 0·13	7686					10004
3543	106 23 17·21	51·12	2	− 1·15							
3544	126 18 17·76	51·15	2	− 1·17	+ 1·17	7684					10010
3545	134 10 41·33	51·78	2	− 1·17	+ 0·03	7680	6386				10011
3546	92 55 59·74	50·68	1	− 1·19	+ 1·31				463		10008
3547	164 2 44·48	51·06	2	− 1·19	+ 4·52	7642	6380				10023
3548	124 26					7689	6391	290	464	80	10015
3549	122 21 45·47	50·77	3	− 1·29	+ 0·35	7693					10018
3550	120 49 37·88	51·01	2	− 1·35	+ 2·04	7698					10021
3551	136 2 38·88	50·31	3	− 1·39	− 0·08	7694	6397		465		10029
3552	161 51 32·69	51·20	3	− 1·40	+ 2·64	7666	6395				10034
3553	121 49 51·78	51·02	2	− 1·41	+ 0·77	7703					10030
3554	110 36 59·80	50·53	1	− 1·44				291			
3555	120 28 14·87	50·46	1	− 1·49	+ 0·91	7709					10032

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3556	6250	4·5	Telescopii - - ζ	18 17 16·52	52·59	2	+4·612	−0·07
3557	6253	5·4	Pavonis - - ν	18 17 21·41	52·60	2	+5·617	+0·02
3558		7	Pavonis - - -	18 17 30·57	52·59	1	+5·620	−0·08
3559	6254	7	Piazzi XVIII–60 - -	18 17 38·71	52·56	2	+3·953	+0·03
3560	6256	7·8	Sagittarii - - -	18 17 51				
3561	6259	6	Taylor 8491 - - -	18 18 4·50	51·69	1	+4·153	−0·09
3562	6260	6·7	Sagittarii - - -	18 18 13·95	52·58	2	+3·837	−0·08
3563	6261	6·7	Sagittarii - - -	18 18 22·60	52·65	4	+3·741	−0·11
3564	6262	6	Telescopii - - τ	18 18 38·78	52·64	2	+4·515	0·00
3565	6263	3	22 Sagittarii - - λ	18 18 42·78	51·70	7	+3·706	0·00
3566	6264	7·6	Sagittarii - - -	18 18 44·51	52·66	2	+3·745	−0·10
3567		9	Sagittarii - - -	18 18 47·27	52·65	1	+3·747	
3568	6265	6	Taylor 8492 - - -	18 18 59·35	52·70	1	+6·117	−0·10
3569	6266	7·6	Sagittarii - - -	18 19 1·26	52·16	2	+3·639	−0·09
3570	6267	6	Taylor 8496 - - -	18 19 11·38	52·62	2	+3·501	
3571		8·9	Sagittarii - - -	18 19 36·11	52·58	2	+3·740	
3572	6270	7·6	Sagittarii - - -	18 19 36·52	52·64	2	+3·740	−0·30
3573	6271	7·6	Sagittarii - - -	18 19 38				
3574	6273	7·6	Piazzi XVIII–75 - -	18 20 6·89	51·65	1	+3·702	−0·23
3575	6274	7	Piazzi XVIII–71 - -	18 20 8				
3576	6275	7	Piazzi XVIII–72 - -	18 20 10·65	52·55	2	+3·940	+0·02
3577	6276	6·7	Taylor 8501 - - -	18 20 19·78	52·69	2	+5·270	+0·28
3578	6277	6·7	Piazzi XVIII–70 - -	18 20 22·93	52·67	2	+4·270	−0·08
3579	6278	5	Telescopii - - δ^1	18 20 38·55	52·66	2	+4·450	−0·03
3580	6279	5	Bradley 2313 - -	18 20 38·94	52·64	2	+3·419	−0·09
3581	6282	5	Telescopii - - δ^2	18 20 56·20	52·69	2	+4·442	−0·13
3582	6283	7	Sagittarii - - -	18 21 0·42	51·71	2	+3·805	−0·13
3583	6284	6·7	Bradley 2314 - -	18 21 13·50	52·62	2	+3·419	
3584	6285	6	Piazzi XVIII–79 - -	18 21 14·46	52·64	2	+3·938	−0·15
3585	6286	7	23 Sagittarii - - -	18 21 22·42	52·60	2	+3·645	
3586	6287	6	Piazzi XVIII–82 - -	18 21 22·85	52·61	2	+3·524	
3587	6290	6	60 Serpentis - - c	18 21 52·63	52·63	2	+3·119	
3588	6291	6	Taylor 8520 - - -	18 22 27·17	52·66	2	+4·836	−0·32
3589	6292	6	Piazzi XVIII–88 - -	18 22 31·09	51·72	2	+3·529	
3590		7	Piazzi XVIII–87 - -	18 22 33·23	52·68	1	+3·936	+0·13
3591	6293	6·7	Piazzi XVIII–91 - -	18 22 36·46	52·61	2	+3·512	
3592	6294	6	Piazzi XVIII–92 - -	18 22 38·82	52·72	1	+3·516	
3593	6295	7	Sagittarii - - -	18 22 41·66	51·55	3	+3·817	−0·16
3594	6296	5	Coronæ Aust. - θ	18 22 47·25	52·69	2	+4·286	+0·03
3595	6298	6·7	Coronæ Aust. - κ	18 23 2·36	52·63	2	+4·141	−0·02
3596		7·6	Piazzi XVIII–90 - -	18 23 2·36	52·61	1	+4·142	−0·05
3597	6299	7	Piazzi XVIII–94 - -	18 23 3·27	52·63	2	+3·535	
3598	6303	7·6	Bradley 2320 - -	18 23 15·27	50·57	2	+3·434	
3599		8·9	Sagittarii - - -	18 23 23·05	52·56	2	+3·535	
3600	6301	7	Piazzi XVIII–95 - -	18 23 39·76	51·65	1	+3·530	

An asterisk * in the column "Cape, 1880, *minus*, Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3567, 3571, 3599. The magnitudes are taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3556	139 8 41·01	51·05	2	− 1·51	+ 0·30	7702	6403				10035
3557	152 21 54·56	50·35	2	− 1·52	+ 0·83	7691	6401		466		10043
3558	152 23						6402				10046
3559	123 29 35·36	50·80	2	− 1·54	− 0·39	7710					10037
3560	121 36 49·60	50·38	2	− 1·56	+ 1·07	7714					10038
3561	129 4 42·76	50·96	2	− 1·58	+ 1·81	7712	6406				10041
3562	119 54 4·97	50·99	2	− 1·59	− 0·33	7717					10042
3563	116 43 2·43	51·61	2	− 1·61	+ 1·07	7722					10044
3564	137 18 29·28	50·99	2	− 1·63	+ 1·80	7713	6411				10052
3565	115 29 57·09	50·54	1	− 1·64	− 1·76	7725			467		10049
3566	116 50 27·49	50·94	2	− 1·64	+ 1·65	7724					10050
3567	116 51										
3568	156 22 33·38	51·06	2	− 1·66	− 1·03	7697	6409				10067
3569	113 5 9·88	51·04	2	− 1·66	+ 1·16	7727					10051
3570	107 53 9·08	51·11	2	− 1·68							
3571	116 40 53·92	50·56	1	− 1·72							
3572	116 40 12·51	51·26	3	− 1·72	+ 0·19	7732					10060
3573	119 20 47·14	51·13	2	− 1·72	+ 1·47	7730					10061
3574	115 20 46·61	50·63	1	− 1·76	+ 0·79	7738					10064
3575	123 35 9·02	50·59	1	− 1·76	+ 2·47	7733					10068
3576	123 8 20·45	50·53	1	− 1·76	+ 0·62	7735					10069
3577	148 48 6·45	51·09	2	− 1·78	+ 4·02	7716	6416				10077
3578	132 0 21·82	51·13	2	− 1·78	+ 1·23	7731	6418				10073
3579	136 0 31·13	50·96	2	− 1·80	+ 0·38	7729	6419	293	468		10075
3580	104 39 23·54	50·29	1	− 1·80	− 1·00				470		10072
3581	135 51 11·38	51·10	2	− 1·83	+ 0·40	7734	6420	294	469		10080
3582	118 53 18·15	50·98	2	− 1·84	+ 0·76	7745					10076
3583	104 40 29·54	50·29	1	− 1·86							
3584	123 4 58·10	50·53	1	− 1·86	− 1·88	7746					10081
3585	113 20 41·10	51·07	2	− 1·87							
3586	108 49 7·76	50·63	1	− 1·87							
3587	92 4 40·52	50·66	1	− 1·91							
3588	142 59 34·36	51·12	2	− 1·96	+ 3·10	7743	6424				10091
3589	108 59 55·35	50·36	1	− 1·97							
3590	123 2										10087
3591	108 21										
3592	108 30 0·00	50·53	2	− 1·98							
3593	119 17 24·20	50·99	2	− 1·98	+ 0·56	7759					10088
3594	132 24 50·28	51·11	2	− 1·99	+ 0·28	7756	6427		471		10092
3595	128 49 40·00	50·81	3	− 2·01	+ 0·84	7758	6429				10094
3596	128 49 17·90	50·81	3	− 2·01	+ 0·95		6428				10093
3597	109 13 28·52	50·97	2	− 2·01							
3598	105 16 57·14	50·69	3	− 2·03							
3599	109 13 28·92	50·97	2	− 2·05							
3600	109 4 28·58	50·55	1	− 2·07							

An asterisk * in the Column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3601	6304	7	Bradley 2319	18 24 4·15	52·60	2	+3·669	−0·02
3602	6305	6·5	Piazzi XVIII–96	18 24 7·25	52·06	2	+3·938	−0·07
3603	6306	6·7	Bradley 2323	18 24 9·34	52·61	2	+3·426	
3604	6307	6	61 Serpentis *e*	18 24 12·30	52·63	2	+3·096	
3605	6308	7	Piazzi XVIII–97	18 24 14·82	52·68	1	+3·937	+0·05
3606	6309	7	Piazzi XVIII–102	18 24 22·87	52·22	2	+3·515	
3607	6310	7	Sagittarii	18 24 36·16	52·63	1	+3·869	+0·14
3608	6312	5·6	24 Sagittarii	18 24 43·59	52·63	2	+3·666	+0·17
3609	6313	6·7	Bradley 2327	18 25 4·68	52·60	2	+3·426	
3610	6314	7·6	25 Sagittarii	18 25 22·32	51·69	1	+3·671	−0·56*
3611	6315	4	Pavonis ζ	18 25 29·29	52·73	2	+7·052	−0·28
3612	6317	7	Piazzi XVIII–109	18 25 36·74	51·71	2	+3·934	−0·05
3613	6319	7	Sagittarii	18 26 7·91	52·64	2	+3·839	−0·09
3614	6321	7·6	Sagittarii	18 26 25·09	52·63	2	+3·831	−0·14
3615	6323	7	Piazzi XVIII–112	18 26 32·68	52·66	2	+3·538	
3616	6324	6	Bradley 2329	18 26 42·22	52·64	2	+3·331	
3617	6325	5·6	1 Aquilæ	18 27 2·66	51·69	2	+3·265	
3618	6327	7·6	Sagittarii	18 27 34·11	52·57	2	+3·795	−0·11
3619	6328	6	Cape 1840 Cat., No. 2458	18 27 42				
3620	6329	7	Piazzi XVIII–118	18 27 44·11	52·60	2	+3·824	−0·09
3621	6330	6·5	Taylor 8561	18 27 53·07	52·65	2	+4·546	−0·26
3622	6331	7	Sagittarii	18 27 54·37	52·63	2	+3·711	+0·35*
3623	6332	7	Piazzi XVIII–120	18 27 59·19	52·66	2	+3·485	
3624	6333	7	Piazzi XVIII–121	18 28 16·79	52·13	2	+3·536	
3625	6334	7	Sagittarii	18 28 31·21	51·66	2	+3·926	−0·13
3626	6336	6·7	Bradley 2332	18 28 55·34	52·61	2	+3·594	
3627	6337	5·6	Cape 1840 Cat., No. 2460	18 28 58				
3628	6338	7	Sagittarii	18 28 59·56	52·61	2	+3·704	+0·13
3629	6339	7	Sagittarii	18 29 6·02	51·70	1	+3·841	−0·09
3630	6340	7	Piazzi XVIII–128	18 29 8·79	52·62	2	+3·485	
3631	6342	7	Sagittarii	18 29 13·97	52·66	1	+3·856	+0·02
3632	6343	6	Bradley 2333	18 29 23·37	52·67	2	+3·651	−0·23
3633	6344	7	Sagittarii	18 29 40·36	52·67	2	+3·936	−0·03
3634	6345	7·8	Sagittarii	18 29 46·35	51·69	2	+3·784	−0·12
3635	6346	7	Sagittarii	18 29 56·01	52·64	2	+3·642	−0·16
3636	6347	6·7	Bradley 2335	18 29 56·77	52·60	2	+3·584	
3637		7·8	Sagittarii	18 30 32·73	52·66	2	+3·707	−0·13
3638	6351	7·8	Sagittarii	18 30 36·50	52·61	1	+3·707	+0·13
3639	6352	5	Taylor 8577	18 30 42·32	52·71	2	+5·912	+0·12
3640	6353	6·5	Cape 1840 Cat., No. 2466	18 31 13·83	50·59	2	+7·445	+0·22
3641	6354	6·7	Pavonis	18 31 31·04	51·71	1	+5·482	−0·01
3642	6355	1	3 Lyræ α	18 31 51·59	51·91	8	+2·012	−0·05
3643	6356	6·7	26 Sagittarii	18 32 42·67	52·59	2	+3·659	−0·14
3644	6358	7	Piazzi XVIII–144	18 33 9·99	51·67	2	+3·418	
3645	6359	6	Coronæ Aust. λ	18 33 29·53	51·72	1	+4·121	−0·26

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3601	114 12 47·66	50·58	1	− 2·10	+ 0·76						10100
3602	123 7 18·65	50·85	3	− 2·11	− 0·73	7761					10101
3603	104 58 8·92	50·33	1	− 2·11							
3604	91 6 18·14	50·68	1	− 2·11							
3605	123 4 2·05	50·85	3	− 2·12	− 0·78	7762					10102
3606	108 28 22·04	50·67	1	− 2·13							
3607	120 59 21·29	50·94	2	− 2·15	+ 0·94	7767					10106
3608	114 8 19·12	50·58	1	− 2·16	− 0·35	7769					10107
3609	104 57 35·81	50·33	1	− 2·19							
3610	114 19 52·19	50·27	1	− 2·22	+ 1·53	7774					10110
3611	161 32 45·03	51·05	2	− 2·23	+ 0·38	7736	6436	295	472		10122
3612	123 0 7·80	51·00	5	− 2·24	− 0·41	7772					10112
3613	120 2 59·90	50·93	2	− 2·28	+ 0·60	7777					10113
3614	119 48 42·90	50·96	2	− 2·31	+ 1·39	7778					10115
3615	109 22 56·46	51·06	2	− 2·32							
3616	101 5 20·62	50·43	1	− 2·33							
3617	98 20 37·87	50·26	1	− 2·36							
3618	118 37 29·82	50·94	2	− 2·41	+ 3·44	7787					10128
3619	154 46 7·66	51·10	2	− 2·42	+ 2·15	7766	6446				10137
3620	119 35 29·12	50·47	1	− 2·42	+ 1·89	7788					10130
3621	138 1 55·39	51·11	2	− 2·44	+ 1·50	7780	6448				10133
3622	115 46 41·59	51·00	2	− 2·44	+ 7·22*	7791					10131
3623	107 19 27·70	50·55	1	− 2·44							
3624	109 19 41·99	50·46	1	− 2·47							
3625	122 48 6·95	51·09	2	− 2·49	+ 4·24	7794					10136
3626	111 30 59·98	50·59	1	− 2·52							
3627	154 40 52·84	51·10	2	− 2·53	+ 1·18	7773	6451				10153
3628	115 32 36·60	51·28	3	− 2·53	− 0·68	7804					10139
3629	120 9 2·90	51·28	3	− 2·54	+ 0·43	7801					10142
3630	107 21 10·44	50·55	2	− 2·54				296			
3631	120 38 32·30	50·99	2	− 2·56	+ 0·46	7803					10144
3632	113 37 37·42	50·58	1	− 2·56	+ 0·64	7806					10145
3633	123 7 10·45	50·96	2	− 2·59	− 0·46	7805					10148
3634	118 18 20·83	50·94	2	− 2·60	+ 1·39	7808					10149
3635	113 18 23·62	50·37	2	− 2·61	+ 2·37	7811					10151
3636	111 10 13·81	50·69	1	− 2·61							
3637	115 37					7818					10156
3638	115 37 56·52	50·43	2	− 2·67	+ 0·86						10158
3639	155 0 10·98	50·92	2	− 2·68	− 0·52	7785	6458		473		10170
3640	163 8 32·56	50·89	3	− 2·72	− 0·86	7771	6456				10177
3641	151 14 0·80	50·93	2	− 2·74	− 0·37	7797					10173
3642	51 21						6466				10163
3643	113 58 1·85	50·34	1	− 2·85	+ 1·00	7825					10174
3644	104 42 1·45	50·93	2	− 2·89							
3645	128 27 40·90	51·01	2	− 2·92	+ 1·21	7827	6468				10180

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3646	6360	6·5	Pavonis - - θ	18 33 52·03	52·61	2	+5·936	−0·23
3647	6361	5	2 Aquilæ - - -	18 34 3·61	51·67	1	+3·285	+0·01
3648	6362	6	Piazzi XVIII–146 -	18 34 16·41	52·56	2	+4·024	−0·10
3649	6363	6	Piazzi XVIII–147 -	18 34 31·91	52·60	2	+4·173	−0·13
3650	6367	5	3 Aquilæ - - -	18 35 21·08	51·71	2	+3·266	0·00
3651	6366	6·7	Taylor 8603 - - -	18 35 21·75	52·61	2	+4·659	−0·30
3652	6369	6	Piazzi XVIII–155 -	18 35 36·42	52·61	2	+3·691	−0·28
3653	6370	7	Taylor 8608 - -	18 35 50·81	52·64	2	+4·632	+0·03
3654	6371	3	27 Sagittarii - - ϕ	18 36 16·86	52·63	2	+3·747	+0·05
3655	6374	7·6	Sagittarii - - -	18 36 39·70	50·55	1	+3·761	−0·13
3656	6376	7	Piazzi XVIII–162 -	18 37 9·66	52·57	2	+3·545	
3657	6377	7·6	Sagittarii - - -	18 37 14·04	52·57	2	+3·826	−0·03
3658	6378	6	Piazzi XVIII–161 -	18 37 15·33	52·59	2	+4·200	−0·13
3659	6380	6	28 Sagittarii - - -	18 37 17·70	52·61	2	+3·618	
3660	6381	6	Coronæ Aust. - η^1	18 38 0·55	51·72	1	+4·337	+0·09
3661		7	Telescopii - - -	18 38 2·79	52·62	1	+4·777	−0·19
3662	6382	7	Sagittarii - - -	18 38 9·94	52·60	1	+3·785	−0·24
3663	6383	4	Pavonis - - λ	18 38 18·19	52·67	2	+5·587	+0·07
3664	6384	7	5 Aquilæ - - -	18 38 43·86	52·63	2	+3·096	
3665	6385	6	Coronæ Aust. - η^2	18 38 47·31	52·60	2	+4·325	−0·33
3666	6386	7·8	Bradley 2347 - -	18 38 58·20	52·58	2	+3·562	
3667	6388	5·6	6 Aquilæ - - -	18 39 12·83	52·67	2	+3·184	
3668	6389	7·6	Sagittarii - - -	18 39 15·39	51·66	2	+3·922	−0·03
3669	6396	7	Sagittarii - - -	18 40 14·68	51·72	2	+3·750	−0·12
3670	6398	5·6	Telescopii - - κ	18 40 45·16	52·63	2	+4·772	−0·12
3671	6399	6	29 Sagittarii - - -	18 40 46·05	52·62	1	+3·562	
3672	6400	7	Sagittarii - - -	18 41 8·01	51·69	2	+3·630	−0·18
3673	6401	7	Piazzi XVIII–191 -	18 41 17·17	52·60	1	+3·739	−0·12
3674	6403	7·8	Sagittarii - - -	18 41 18·63	52·58	2	+3·865	+0·12
3675	6402	6·7	Taylor 8646 - - -	18 41 19·73	52·63	2	+4·760	−0·13
3676	6405	5	Pavonis - - κ	18 41 27·59	52·68	2	+6·232	−0·34
3677	6406	7·6	Taylor 8650 - - -	18 41 35·66	52·63	2	+4·250	−0·09
3678	6407	6	30 Sagittarii - - -	18 41 49·46	51·67	1	+3·611	
3679	6408	7	Sagittarii - - -	18 42 4·56	51·72	1	+3·750	−0·25
3680		8	Sagittarii - - -	18 42 5·82	52·56	1	+3·562	
3681		8·9	Sagittarii - - -	18 42 12·45	52·56	1	+3·563	
3682	6409	7	Pavonis - - -	18 42 14·16	52·63	2	+7·146	−0·01
3683	6411	7·6	Pavonis - - -	18 42 34·31	50·58	2	+6·813	+0·16
3684	6412	6·7	Taylor 8656 - - -	18 42 58·30	52·63	2	+4·639	−0·33
3685	6414	7·6	Sagittarii - - -	18 43 3·60	52·63	2	+3·857	−0·02
3686	6413	6·7	Sagittarii - - -	18 43 5·26	52·17	2	+3·815	−0·11
3687	6415	6	31 Sagittarii - - -	18 43 7·46	52·63	2	+3·604	
3688	6416	6·7	Sagittarii - - -	18 43 8·49	52·57	2	+3·735	+0·07
3689	6418	6·7	7 Aquilæ - - -	18 43 13·33	52·68	2	+3·149	
3690	6420	6·7	8 Aquilæ - - -	18 43 29·43	52·69	2	+3·151	

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3680, 3681. The magnitudes are taken from Lalande.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3646	155 13 25·52	50·91	2	− 2·95	+ 0·88	7813	6467				10191
3647	99 11 30·66	50·36	1	− 2·97	− 3·32			297	474		10181
3648	125 47					7830					10183
3649	129 49 48·62	50·53	1	− 3·01	− 0·18	7829					10189
3650	98 25 7·33	50·67	1	− 3·08	− 0·60						10193
3651	140 14 31·73	51·17	3	− 3·08	+ 1·61	7833	6474				10200
3652	115 9 20·74	50·45	1	− 3·10	+ 1·49	7842					10197
3653	139 46 49·18	51·10	2	− 3·13	+ 1·19	7835	6477				10205
3654	117 8 21·90	50·96	2	− 3·16	− 0·54	7844	6482	298	475		10204
3655	117 39 0·57	50·39	4	− 3·19	− 1·34	7849					10206
3656	109 45 26·21	50·33	1	− 3·24							
3657	119 46 56·73	50·94	2	− 3·24	+ 1·31	7853					10211
3658	130 33 33·75	51·07	2	− 3·25	+ 0·72	7846					10213
3659	112 32 38·02	50·54	1	− 3·25							
3660	133 50 12·49	51·09	2	− 3·31	+ 0·51	7852	6491				10219
3661	142 16					7845	6490				10223
3662	118 26 5·92	50·94	2	− 3·32	− 0·46	7863					10218
3663	152 21 4·01	50·59	1	− 3·34	− 0·52	7841	6489		476		10227
3664	91 6 54·03	50·66	1	− 3·37							
3665	133 35 35·22	51·00	2	− 3·38	+ 1·44	7859	6493				10226
3666	110 25 53·67	50·28	1	− 3·39							
3667	94 54 12·53	50·35	1	− 3·42							
3668	122 52 15·04	50·89	2	− 3·42	− 1·02	7866					10228
3669	117 17 17·71	50·43	2	− 3·51	− 1·61	7875					10234
3670	142 16 19·96	50·96	2	− 3·55	+ 2·91	7867	6502				10244
3671	110 29 23·71	50·35	3	− 3·55				299			
3672	113 0 47·35	51·08	2	− 3·58	+ 1·74	7887					10243
3673	116 56 9·69	51·13	2	− 3·59	+ 1·14	7886					10245
3674	121 7 41·99	50·98	2	− 3·60	− 0·77	7885					10247
3675	142 6 7·19	51·09	2	− 3·60	+ 0·77	7870	6506				10251
3676	157 24 42·58	50·97	2	− 3·61	+ 0·43	7856	6503				10258
3677	131 52 39·76	51·00	2	− 3·62	+ 0·33	7881	6511				10252
3678	112 19 42·17	50·57	1	− 3·64							
3679	117 19 55·75	51·12	2	− 3·67	+ 1·15	7893					10255
3680	110 27										
3681	110 28										
3682	162 6 59·12	51·10	2	− 3·68	+ 0·99	7848	6505				10274
3683	160 38 53·60	50·66	2	− 3·72	+ 2·40	7857	6510				10276
3684	140 3 15·66	51·09	2	− 3·74	+ 1·19	7888	6516				10266
3685	120 54					7898					10259
3686	119 33 3·15	51·25	3	− 3·75	+ 1·87	7899					10260
3687	112 5 30·17	50·33	1	− 3·75							
3688	116 49 17·22	51·08	2	− 3·75	+ 1·15	7900					10261
3689	93 25 46·35	50·68	1	− 3·76							
3690	93 29 17·73	50·68	1	− 3·78							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3691	6422	7	Sagittarii - - -	18 43 43·22	52·59	2	+3·767	−0·27
3692	6424	7·6	Sagittarii - - -	18 43 56·99	51·66	2	+3·896	−0·08
3693	6425	7·6	Pavonis - - χ	18 44 3·51	52·71	1	+5·784	+0·29
3694	6430	6·5	Pavonis - - -	18 44 47·76	50·59	1	+6·137	+0·12
3695	6432	6	33 Sagittarii - - -	18 45 2·27	51·69	2	+3·588	
3696	6433	7·6	Taylor 8671 - - -	18 45 5·61	52·63	2	+4·588	−0·16
3697	6434	6·5	32 Sagittarii - - ν^1	18 45 6·73	51·63	4	+3·625	−0·05
3698		7·8	Sagittarii - - -	18 45 11·69	52·62	1	+3·623	
3699	6435	7·6	Taylor 8675 - - -	18 45 12·54	52·68	2	+4·079	−0·11
3700	6436	5·6	Pavonis - - ω	18 45 15·51	52·22	2	+5·377	−0·43
3701	6437	7	Sagittarii - - -	18 45 17·32	52·63	2	+3·741	+0·14
3702	6439	7·6	Piazzi XVIII–217 -	18 45 55·04	52·63	2	+3·809	+0·01
3703	6440	2·3	34 Sagittarii - - σ	18 45 57·64	51·95	3	+3·723	−0·07
3704	6441	6	35 Sagittarii - - ν^2	18 46 3·05	52·61	2	+3·623	−0·13
3705	6442	6·7	Taylor 8684 - - -	18 46 24·65	52·66	2	+4·340	−0·07
3706	6443	5	Telescopii - - λ	18 46 27·19	52·64	2	+4·817	−0·05
3707	6444	6	Piazzi XVIII–222 -	18 46 29·89	52·62	2	+4·077	−0·01
3708	6445	7	Sagittarii - - -	18 46 36·77	52·15	2	+3·816	−0·11
3709	6446	7·6	Sagittarii - - -	18 46 45·09	52·63	2	+3·885	−0·09
3710	6447	6	Sagittarii - - -	18 46 52·49	51·71	1	+3·460	
3711	6448	6·7	Piazzi XVIII–225 -	18 46 55·69	52·31	3	+3·636	−0·25
3712	6449	6·5	Pavonis - - -	18 47 25·94	51·29	1	+6·471	−0·29
3713	6450	7	Piazzi XVIII–228 -	18 47 29·18	52·59	1	+3·635	
3714	6454	6	36 Sagittarii - - ξ^1	18 48 25·49	52·64	2	+3·568	
3715	6455	7	Sagittarii - - -	18 48 28·63	52·61	2	+3·857	−0·07
3716	6458	6	Coronæ Aust. - ϵ	18 48 36·13	52·69	2	+4·066	−0·44
3717	6459	6·7	Sagittarii - - -	18 48 43·06	52·62	2	+3·863	−0·15
3718	6461	5	37 Sagittarii - - ξ^2	18 48 46·77	52·62	2	+3·580	+0·08
3719	6464	5·6	9 Aquilæ - - -	18 49 1·77	51·67	1	+3·209	
3720	6465	7·6	Sagittarii - - -	18 49 8·56	52·60	1	+3·682	−0·04
3721	6467	7	Piazzi XVIII–238 -	18 49 16·88	52·31	3	+3·562	
3722	6472	7	Pavonis - - -	18 49 48				
3723	6474	7	Piazzi XVIII–246 -	18 50 34·76	51·66	2	+3·772	0·00
3724	6479	7·6	Sagittarii - - -	18 51 12·43	51·69	2	+3·683	−0·07
3725	6481	7·6	Pavonis - - -	18 51 42·04	51·73	1	+5·738	−0·19
3726	6484	6	Coronæ Aust. - ζ	18 52 29·14	52·16	3	+4·256	+0·02
3727	6485	6·7	Piazzi XVIII–255 -	18 52 34·96	52·55	2	+3·621	0·00
3728	6486	6	Cape 1840 Cat., No. 2500	18 52 44·30	52·58	2	+7·023	−0·08
3729	6488	7	Piazzi XVIII–260 -	18 52 59·14	52·56	2	+3·431	
3730	6489	3·4	38 Sagittarii - - ζ	18 53 3·89	52·61	2	+3·825	−0·10
3731	6490	6·5	Piazzi XVIII–261 -	18 53 16·57	52·58	2	+3·679	−0·06
3732	6492	5·6	12 Aquilæ - - -	18 53 40·21	52·66	2	+3·206	
3733	6494	5	Cape 1840 Cat., No. 2506	18 53 56·51	52·68	2	+6·396	+0·27
3734	6498	6	Telescopii - - ρ	18 54 26·85	52·63	2	+4·767	−0·19
3735	6499	6	Piazzi XVIII–267 -	18 54 46·73	52·63	2	+3·859	+0·11

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3691	117 55 57·08	50·94	2	− 3·81	+ 0·52	7903					10268
3692	122 10 4·87	51·04	2	− 3·82	+ 0·13	7902					10275
3693	154 11 2·41	51·24	3	− 3·83	+ 1·53	7879	6518				10279
3694	156 50 28·31	50·31	3	− 3·90	+ 1·34	7880	6520				10286
3695	111 32 18·34	50·57	1	− 3·92							
3696	139 10 27·77	50·99	2	− 3·92	+ 1·49	7904	6523				10282
3697	112 55 25·91	50·30	1	− 3·92	+ 1·15	7912			477		10278
3698	112 51										
3699	127 34 5·26	51·11	2	− 3·93	+ 0·90	7908	6524				10281
3700	150 23 23·05	51·65	1	− 3·93	− 0·82	7895	6522				10288
3701	117 4 14·61	51·31	1	− 3·94	− 0·09	7911					10280
3702	119 23 45·63	50·58	1	− 3·99	− 0·35	7915					10285
3703	116 28 39·01	50·54	1	− 4·00	+ 1·97	7918	6527	300	478	88	10284
3704	112 51					7920			479		10287
3705	134 6 12·13	51·12	2	− 4·03	− 1·03	7914	6530				10291
3706	143 7 39·78	51·08	2	− 4·04	+ 0·75	7910	6528				10296
3707	127 31 43·93	51·11	2	− 4·04	− 0·73	7916	6532				10290
3708	119 39 44·82	50·89	2	− 4·05	+ 0·15	7923					10289
3709	121 52 30·71	51·24	3	− 4·06	+ 0·81	7925					10293
3710	106 33 14·20	50·66	1	− 4·08							
3711	113 21 33·40	50·42	1	− 4·08	+ 0·31	7927					10294
3712	158 57 19·39	50·56	3	− 4·12	− 0·06	7897					10311
3713	113 19 54·39	50·42	1	− 4·13							
3714	110 50 49·61	50·57	1	− 4·21							
3715	121 1 0·64	51·03	2	− 4·21	+ 0·61	7936					10305
3716	127 17 49·09	50·41	4	− 4·22	+ 2·73	7931	6542				10309
3717	121 13 38·88	51·20	3	− 4·23	+ 0·85	7941					10310
3718	111 17 55·47	50·59	1	− 4·24	− 1·98				480		10308
3719	96 2 11·78	50·35	1	− 4·26							
3720	115 4 14·31	51·23	3	− 4·27	+ 1·55	7943					10315
3721	110 37 2·24	50·33	1	− 4·28							
3722	153 59 21·62	51·17	3	− 4·32	+ 1·67	7924	6546				10324
3723	118 14 59·36	51·12	2	− 4·39	+ 0·01	7948					10323
3724	115 8 43·96	50·80	3	− 4·44	− 1·41	7956					10328
3725	153 57 21·04	50·74	3	− 4·48	+ 0·82	7938	6557				10342
3726	132 18 5·51	50·98	2	− 4·55	+ 1·53	7958	6561				10346
3727	112 54 4·59	50·52	1	− 4·56	+ 0·88	7965					10341
3728	161 46 11·65	51·25	3	− 4·57	+ 0·72	7928	6558				10355
3729	105 29 20·96	50·58	1	− 4·60							
3730	120 5 19·58	51·11	2	− 4·60	+ 0·06	7966		301	481		10349
3731	115 2					7968					10352
3732	95 56 44·74	50·26	1	− 4·65							
3733	158 38 43·74	50·92	2	− 4·68	+ 0·75	7944	6563				10362
3734	142 33 13·28	51·09	2	− 4·72	+ 3·32	7963	6567				10358
3735	121 15 40·44	50·34	3	− 4·75	− 0·13	7976					10357

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3736	6501	6	14 Aquilæ - - *g*	18 55 0·38	51·73	2	+3·159	
3737	6502	7	Sagittarii - - -	18 55 11·13	51·49	2	+3·625	−0·13
3738	6503	6	Taylor 8745 - - -	18 55 19·99	51·73	2	+4·648	−0·19
3739	6504	8	Sagittarii - - -	18 55 21·75	51·70	2	+3·588	
3740	6505	7	Sagittarii - - -	18 55 33·10	52·58	2	+3·689	−0·10
3741	6506	6	Taylor 8749 - - -	18 55 36·63	52·68	2	+4·539	−0·19
3742	6507	5	39 Sagittarii - - *o*	18 55 41·57	51·88	12	+3·594	−0·02
3743		8	Sagittarii - - -	18 55 49·48	52·61	1	+3·674	
3744	6509	6	Octantis - - -	18 55 55				
3745	6511	5	Coronæ Aust. - *γ*	18 56 16				
3746	6512	7·6	Sagittarii - - -	18 56 17·88	52·61	2	+3·798	−0·10
3747	6513	7	Piazzi XVIII–282 -	18 56 27·06	52·64	2	+3·672	
3748	6515	7	Piazzi XVIII–286] -	18 56 58·10	52·65	2	+3·745	−0·13
3749	6517	8	Bradley 2398 - -	18 57 1·40	52·68	1	+3·167	
3750	6518	6	15 Aquilæ - - *h*	18 57 2·44	52·65	3	+3·167	
3751	6519	6	Sagittarii - - -	18 57 5·53	52·72	2	+3·439	
3752	6521	4·5	40 Sagittarii - - *τ*	18 57 34·21	52·67	2	+3·756	+0·15
3753	6523	5·6	Coronæ Aust. - *δ*	18 57 54·15	52·66	1	+4·185	0·00
3754	6524	7	Piazzi XVIII–294 -	18 57 56·99	52·73	2	+3·613	0·00
3755	6525	6	Piazzi XVIII–293 -	18 58 3·98	52·70	1	+3·784	−0·04
3756	6526	3·4	16 Aquilæ - - *λ*	18 58 17·27	52·72	1	+3·186	+0·02
3757	6528	3	17 Aquilæ - - *ζ*	18 58 30·99	52·53	17	+2·757	+0·07
3758	6531	7	Sagittarii - - -	18 58 39·99	52·68	1	+3·699	+0·05
3759	6532	7·8	Sagittarii - - -	18 58 48·99	52·64	2	+3·731	+0·11
3760		9	Sagittarii - - -	18 58 51·88	52·62	1	+3·731	
3761	6533	6·7	Piazzi XVIII–301 -	18 59 4·54	51·72	2	+3·670	−0·20
3762	6535	5·4	Coronæ Aust. - *α*	18 59 15·81	52·68	3	+4·085	−0·17
3763	6536	6·7	Bradley 2402 - -	18 59 27·84	51·73	1	+3·529	
3764	6537	7	Sagittarii - - -	18 59 32·33	52·72	2	+3·843	−0·04
3765	6538	7·6	Sagittarii - - -	18 59 35·25	52·72	1	+3·682	−0·05
3766	6539	6	Sagittarii - - -	18 59 38·81	52·71	1	+3·572	
3767	6540	7·6	Sagittarii - - -	18 59 40·60	52·70	1	+3·630	−0·22
3768	6541	4·5	Coronæ Aust. - *β*	18 59 42·45	52·20	2	+4·138	−0·18
3769	6544	7	Sagittarii - - -	18 59 56·64	52·74	1	+3·520	
3770		8	Sagittarii - - -	19 0 1·76	52·62	1	+3·543	
3771	6545	5·6	Pavonis - - *τ*	19 0 20·11	51·73	1	+6·512	−0·08
3772	6546	7	Piazzi XVIII–310 -	19 0 23·96	51·71	1	+3·738	−0·12
3773	6548	3	41 Sagittarii - - *π*	19 0 50·46	51·77	13	+3·573	+0·03
3774	6549	6·7	Sagittarii - - -	19 0 54·34	52·57	2	+3·823	−0·03
3775	6550	7	Piazzi XVIII–316 -	19 0 57·22	52·64	2	+3·541	
3776	6554	7·6	Sagittarii - - -	19 1 48·43	51·65	2	+3·806	−0·04
3777	6557	7	Taylor 8797 - - -	19 1 57·16	52·65	2	+5·152	+0·23
3778	6558	6	Cape 1840 Cat., No. 2521	19 2 4·64	50·59	2	+6·093	+0·28
3779	6559	6	Pavonis - - -	19 2 22·80	52·68	2	+5·894	−0·19
3780	6560	7	Piazzi XIX–5 - -	19 3 23·16	52·57	2	+3·411	

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3743, 3760, 3770. The magnitudes are taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3736	93 54 41·30	50·66	1	− 4·77							
3737	113 6 40·35	50·39	2	− 4·78	+ 2·05	7983					10361
3738	140 32 30·72	51·05	2	− 4·80	+ 2·35	7970	6568				10367
3739	111 44 44·37	51·12	2	− 4·80							
3740	115 26 49·56	50·90	2	− 4·82	+ 0·69	7987					10364
3741	138 31 10·29	51·07	2	− 4·82	+ 0·04	7973	6569				10369
3742	111 57 22·12	50·33	1	− 4·83	− 0·70		6570		482		10365
3743	114 53										
3744	166 2 12·66	50·46	2	− 4·85	+ 3·09	7935					10389
3745	127 16 22·96	51·07	2	− 4·88	− 1·02	7988	6574		483		10373
3746	119 18 1·66	51·03	2	− 4·88	+ 2·03	7989					10372
3747	114 53 40·99	50·58	1	− 4·89							
3748	117 30 32·37	51·12	2	− 4·93	− 0·05	7991					10378
3749	94 15 32·91	50·35	1	− 4·94							
3750	94 14 59·92	50·35	1	− 4·94							
3751	105 52 52·07	50·12	2	− 4·95							
3752	117 53 2·65	50·57	1	− 4·99	− 0·21	7994		302	484		10381
3753	130 43 21·37	51·12	2	− 5·01	+ 0·26	7992	6578		485		10387
3754	112 43 21·90	50·37	1	− 5·02	− 1·91		6580				10383
3755	118 51 44·38	50·58	1	− 5·03	+ 1·05	7996					10386
3756	95 6 9·72	50·69	1	− 5·05	+ 0·93			303	486	119	
3757	76 21									143	10384
3758	115 55 47·31	50·90	2	− 5·08	− 0·44	8003					10385
3759	117 3 48·69	50·97	2	− 5·09	− 0·91	8005					10392
3760	117 4										10393
3761	114 53 10·37	50·62	1	− 5·11	− 0·09	8009					10397
3762	128 7 55·74	51·17	2	− 5·13	− 1·34	8002	6585		487		10398
3763	109 31 12·45	50·66	1	− 5·15							
3764	120 51 27·67	51·06	2	− 5·15	− 0·33	8010					10402
3765	115 18 36·96	51·09	2	− 5·16	+ 0·08	8013					10401
3766	111 13 11·99	50·96	2	− 5·16							
3767	113 25 13·77	51·10	2	− 5·16	+ 1·19	8014					10403
3768	129 34 20·60	51·05	2	− 5·17	+ 0·63	8007	6587		488		10406
3769	109 11 3·68	50·88	4	− 5·19							
3770	110 2										
3771	159 26 7·67	50·92	2	− 5·22	− 0·26	7986	6586				10417
3772	117 20 50·68	50·58	1	− 5·23	+ 0·85	8017					10408
3773	111 15						6594	304	489		10411
3774	120 14 26·37	50·40	2	− 5·27	+ 1·27	8019					10413
3775	110 2 4·73	50·46	1	− 5·27							
3776	119 44 26·34	50·85	2	− 5·34	+ 0·25	8024					10418
3777	148 14 32·84	51·05	2	− 5·36	+ 6·82*	8011	6596				10422
3778	156 54 39·38	50·04	2	− 5·36	− 0·64	7997	6595				10426
3779	155 28 36·67	50·93	2	− 5·39	+ 0·79	8004	6597				10428
3780	104 49 39·96	50·56	1	− 5·48							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape 1850.
				h m s			s	s
3781	6561	6	Piazzi XIX–4	19 3 30·20	52·61	2	+3·588	
3782	6562	6	Piazzi XIX–7	19 3 59·17	51·72	2	+3·702	−0·08
3783	6564	6	20 Aquilæ	19 4 32·52	51·74	2	+3·255	−0·12
3784	6565	7	Sagittarii	19 4 37·87	52·49	2	+3·728	+0·05
3785	6568	6·7	Sagittarii	19 5 5·07	51·67	2	+3·814	−0·19
3786	6569	7	Sagittarii	19 5 11·28	51·70	2	+3·796	−0·11
3787	6570	5·6	Piazzi XIX–15	19 5 25·82	52·64	2	+4·386	−0·22
3788	6573	8	Piazzi XIX–20	19 6 9·40	52·62	2	+3·477	
3789	6575	6	42 Sagittarii ψ	19 6 20·37	52·63	2	+3·682	−0·04
3790	6576	6·7	Piazzi XIX–22	19 6 24·84	52·63	2	+3·653	−0·06
3791	6577	7	Sagittarii	19 6 39·58	52·63	2	+3·832	−0·12
3792	6578	7	Sagittarii	19 6 58·25	51·58	3	+3·693	−0·10
3793	6580	6	Cape 1840 Cat., No. 2525	19 8 24·04	51·73	1	+6·338	−0·50
3794	6584	5	43 Sagittarii *d*	19 8 51·25	52·23	3	+3·516	+0·19
3795		7	Sagittarii	19 9 3·89	51·65	1	+3·444	
3796		7·6	Pavonis	19 9 9·73	50·58	1	+6·943	+0·30
3797	6587	8	Piazzi XIX–39	19 9 24·68	51·74	3	+3·513	
3798		8	Sagittarii	19 9 29·57	52·62	1	+3·443	
3799	6588	7	Pavonis	19 9 34				
3800	6590	6	Piazzi XIX–50	19 10 26·86	51·70	2	+3·431	
3801	6591	8	Bradley 2426	19 10 33·88	52·62	1	+3·440	
3802	6592	5	Taylor 8859	19 10 43·85	52·60	2	+4·869	−0·19
3803	6594	7·6	Sagittarii	19 10 46·90	51·67	2	+3·869	+0·11
3804	6598	7·6	Taylor 8862	19 10 58·90	52·63	2	+4·672	−0·06
3805	6604	7·6	Piazzi XIX–59	19 11 34·34	52·17	2	+3·650	−0·10
3806	6605	7·6	Taylor 8868	19 11 34·70	52·65	2	+4·836	−0·20
3807	6607	6	Piazzi XIX–61	19 11 38·66	52·63	2	+3·602	−0·26
3808	6608	4	Sagittarii β^1	19 11 50·84	52·68	2	+4·331	−0·11
3809		7·8	Sagittarii	19 11 53·30	52·68	2	+4·331	−0·09
3810	6609	7	Sagittarii	19 12 8·85	52·60	1	+3·801	+0·16
3811	6610	4	Sagittarii β^2	19 12 22·24	52·67	2	+4·345	−0·05
3812	6611	7	Sagittarii	19 12 29·83	52·65	2	+3·702	−0·10
3813	6614	6	26 Aquilæ *f*	19 12 32·51	51·73	2	+3·197	
3814	6613	7	Sagittarii	19 12 33·67	51·72	2	+3·798	+0·18
3815	6616	7	Piazzi XIX–67	19 12 49·59	52·69	2	+3·521	
3816	6618	6	27 Aquilæ *d*	19 12 51·32	52·70	2	+3·097	
3817	6619	4	44 Sagittarii ρ^1	19 12 58·14	52·63	2	+3·486	−0·04
3818	6620	5·6	45 Sagittarii ρ^2	19 13 5·73	52·64	2	+3·497	
3819	6621	5·6	46 Sagittarii *v*	19 13 8·06	51·74	3	+3·440	
3820	6622	3·4	Sagittarii α	19 13 28·98	52·48	2	+4·169	+0·15
3821	6627	7	Sagittarii	19 14 59·99	52·16	2	+3·834	−0·08
3822	6628	6	Piazzi XIX–84	19 15 8·92	52·59	2	+3·748	−0·14
3823	6630	6	Cape 1840 Cat., No. 2538	19 15 31·93	52·71	2	+6·320	−0·08
3824	6631	6·7	Sagittarii	19 15 37·19	52·61	1	+3·789	−0·51*
3825	6632	5·6	Taylor 8907	19 15 44·18	52·66	2	+4·851	−0·13

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3795, 3798. The magnitudes are taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3781	111 54 5·43	50·33	1	− 5·49							
3782	116 9 10·35	51·02	2	− 5·53	+ 0·01	8033					10430
3783	98 11 8·93	50·34	1	− 5·57	− 0·37			305	490		10433
3784	117 7 17·87	50·94	2	− 5·58	+ 1·38	8039					10435
3785	120 4 53·88	50·45	2	− 5·62	+ 1·22	8040					10436
3786	119 29 33·22	50·90	2	− 5·63	+ 1·23	8043					10437
3787	135 43 14·33	51·58	1	− 5·65	+ 1·20	8037	6607				10443
3788	107 35 57·62	50·52	1	− 5·71							
3789	115 30 36·80	51·09	2	− 5·73	− 0·60	8052					10446
3790	114 25 47·06	51·66	1	− 5·73	+ 2·95	8054					10447
3791	120 42 56·28	51·00	2	− 5·75	+ 0·32	8053					10448
3792	115 55 19·91	50·95	2	− 5·78	+ 0·54	8055					10454
3793	158 38 37·63	50·55	2	− 5·90	+ 0·28	8034	6617				10462
3794	109 12 52·50	51·09	2	− 5·94	+ 1·47				491		10458
3795	106 13										
3796	161 44 33·80	50·59	3	− 5·96	+ 1·17	8036	6620				10470
3797	109 7 39·64	50·56	1	− 5·98							
3798	106 13										
3799	161 44 41·40	50·59	3	− 5·99	+ 1·71		6621				10474
3800	105 47 33·34	51·01	2	− 6·07							
3801	106 10 34·61	50·80	2	− 6·08							
3802	144 41 42·18	51·19	3	− 6·09	+ 3·66	8062	6629				10476
3803	122 5 17·97	50·90	2	− 6·10	+ 0·91	8072					10471
3804	141 30 20·06	51·02	2	− 6·11	+ 1·31	8068	6632				10478
3805	114 28 37·38	50·99	2	− 6·16	+ 4·38	8080					10479
3806	144 13 22·55	51·26	3	− 6·16	+ 2·10	8069	6639				10485
3807	112 40 33·94	51·06	2	− 6·17	+ 0·22		6642	307			10480
3808	134 44 3·94	51·09	2	− 6·19	− 0·39	8075		306	492		10486
3809	134 43 57·64	51·09	2	− 6·19	+ 0·75						10488
3810	119 52 47·57	50·50	2	− 6·21	+ 1·68	8081					10487
3811	135 4 32·79	50·45	2	− 6·23	− 1·05	8079					10491
3812	116 26 26·77	50·99	2	− 6·24	+ 0·98	8085					10489
3813	95 41 30·91	50·35	1	− 6·24							
3814	119 47 57·03	50·50	2	− 6·24	+ 1·27	8084					10490
3815	109 30 36·08	51·12	2	− 6·27							
3816	91 10 1·55	50·66	1	− 6·27							
3817	108 7 27·92	50·62	1	− 6·28	+ 0·51			308	493		10493
3818	108 34 54·03	51·10	2	− 6·29							
3819	106 13 57·58	50·68	1	− 6·29							
3820	130 53 31·63	50·93	2	− 6·32	+ 3·34	8087	6650	310	494		10498
3821	121 4 57·55	50·94	2	− 6·45	+ 2·73	8095					10509
3822	118 9 3·20	51·02	2	− 6·46	− 0·66	8097					10510
3823	158 43 49·62	51·08	2	− 6·49	+ 0·53	8078	6653				10518
3824	119 35 37·49	50·50	2	− 6·50	+ 1·74	8098					10511
3825	144 37 1·92	51·05	2	− 6·51	+ 1·18	8091	6656				10515

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3826	6633	5	47 Sagittarii - - χ^1	19 16 8·63	51·72	2	+ 3·655	−0·01
3827	6634	6·7	48 Sagittarii - - χ^2	19 16 15·42	52·58	2	+ 3·652	
3828	6636	6	49 Sagittarii - - χ^3	19 16 24·66	52·61	2	+ 3·640	−0·03
3829	6638	6	50 Sagittarii - - -	19 17 22·20	52·60	1	+ 3·582	−0·08
3830	6639	6	Piazzi XIX–102 - -	19 17 27·39	52·72	2	+ 3·800	−0·08
3831	6641	7	Piazzi XIX–104 - -	19 17 33·16	51·74	2	+ 3·568	
3832	6643	6	Piazzi XIX–107 - -	19 17 38·69	51·60	1	+ 3·417	
3833	6645	7	Piazzi XIX–110 - -	19 17 54·07	52·61	2	+ 3·405	
3834	6646	3·4	30 Aquilæ - - δ	19 17 56·11	52·36	23	+ 3·009	−0·01
3835	6649	6	Telescopii - - μ	19 18 23·30	52·71	2	+ 4·897	+0·10
3836		8	Sagittarii - - -	19 18 56·37	52·59	2	+ 3·497	
3837	6655	7·6	Taylor 8933 - -	19 19 1·73	52·64	2	+ 5·301	+0·15
3838	6658	6	Taylor 8937 - -	19 19 21·54	52·63	2	+ 3·495	
3839	6660	7	Rumker 504 - -	19 19 25·23	50·57	2	+ 6·415	−0·15
3840	6664	7	Piazzi XIX–124 - -	19 20 3·27	52·68	2	+ 3·417	
3841	6665	7	Sagittarii - - -	19 20 7·69	52·69	1	+ 3·828	−0·16
3842	6666	6	Piazzi XIX–126 - -	19 20 35·23	51·72	2	+ 3·718	−0·01
3843	6668	7·8	Piazzi XIX–132 - -	19 21 0·99	52·61	2	+ 3·422	
3844	6669	6·7	Taylor 8950 - -	19 21 2·23	52·71	2	+ 4·765	−0·13
3845	6671	6	Piazzi XIX–138 - -	19 21 59·64	52·64	2	+ 3·567	
3846	6672	7	Sagittarii - - -	19 22 5·26	52·64	2	+ 3·682	−0·07
3847	6675	6·5	Piazzi XIX–136 - -	19 22 32·14	52·54	2	+ 4·348	−0·13
3848	6677	7	Sagittarii - - -	19 22 41·59	52·59	2	+ 3·750	+0·02
3849	6679	6	36 Aquilæ - - e	19 22 49·21	52·21	2	+ 3·138	
3850	6680	7·6	Sagittarii - - -	19 22 55·40	52·68	1	+ 3·827	−0·07
3851	6682	7	Taylor 8969 - -	19 23 19·24	52·62	2	+ 3·743	−0·12
3852	6683	7	Piazzi XIX–147 - -	19 23 20·71	51·73	3	+ 3·571	
3853	6686	7	Pavonis - - -	19 23 32·36	50·60	2	+ 6·488	−0·26
3854	6684	7	Sagittarii - - -	19 23 32·66	51·66	2	+ 3·812	−0·07
3855	6685	7	Sagittarii - - -	19 23 40·81	52·63	2	+ 3·689	−0·10
3856	6688	6·7	Pavonis - - -	19 23 51·59	52·70	2	+ 5·906	−0·10
3857	6689	5·6	Taylor 8975 - -	19 24 4·48	52·69	2	+ 4·477	−0·12
3858	6692	6	Pavonis - - -	19 24 59·14	52·71	2	+ 6·009	+0·07
3859	6693	7	Sagittarii - - -	19 25 29·64	51·67	2	+ 3·846	−0·05
3860	6694	7·6	Piazzi XIX–159 - -	19 25 30·38	51·70	2	+ 3·630	−0·12
3861	6696	6	Taylor 8982 - -	19 25 47·44	52·70	2	+ 5·086	+0·09
3862	6699	6·7	Piazzi XIX–165 - -	19 26 37·38	52·63	2	+ 3·614	
3863	6700	7	Piazzi XIX–166 - -	19 26 43·01	52·64	2	+ 3·550	
3864	6703	5·6	37 Aquilæ - - k	19 26 51·24	52·68	2	+ 3·309	−0·01
3865	6704	6	51 Sagittarii - - h^1	19 26 54·91	52·68	2	+ 3·651	−0·10
3866	6705	6	Cape 1840 Cat., No. 2554	19 27 2				
3867	6706	5·4	52 Sagittarii - - h^2	19 27 34·46	51·89	7	+ 3·655	−0·01
3868	6707	7	Piazzi XIX–176 - -	19 27 41·30	52·65	2	+ 3·502	
3869	6708	6	Octantis - - -	19 28 3·25	50·59	2	+ 11·579	+0·92
3870	6710	7	Piazzi XIX–180 - -	19 28 20·92	52·62	2	+ 3·487	

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3836. The magnitude is taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3826	114 47 39·96	50·86	3	− 6·54	+ 1·96	8100					10514
3827	114 42 1·58	51·12	2	− 6·55							
3828	114 15 3·33	50·98	2	− 6·56	+ 1·27	8103					10517
3829	112 4 7·05	51·58	2	− 6·64	+ 0·21		6664				10520
3830	120 2 4·14	51·11	2	− 6·65	+ 1·52	8107					10521
3831	111 32 16·60	50·58	1	− 6·66							
3832	105 20 43·79	50·50	1	− 6·67							
3833	104 50 39·08	50·38	1	− 6·69							
3834	87 10							311		128	10522
3835	145 24 37·43	51·13	3	− 6·73	+ 1·05	8101	6666				10531
3836	108 38 48·94	50·47	3	− 6·77							
3837	150 34 24·42	50·89	2	− 6·78	− 0·08	8102	6669				10533
3838	108 39 26·41	50·49	2	− 6·81							
3839	159 23 48·62	50·61	2	− 6·82	+ 3·84	8096	6668				10540
3840	105 24 8·31	50·68	1	− 6·86							
3841	121 5 22·27	50·95	3	− 6·87	+ 6·68*	8117					10535
3842	117 17 15·51	50·98	2	− 6·91	− 0·91	8123					10537
3843	105 39 45·60	50·66	1	− 6·94							
3844	143 29 40·30	51·08	2	− 6·95	+ 0·87	8115	6672				10543
3845	111 37 9·25	51·12	2	− 7·02							
3846	116 2 34·96	50·93	2	− 7·03	+ 3·09	8132					10547
3847	135 34 59·67	51·12	2	− 7·07	+ 1·15	8129					10552
3848	118 31 22·62	51·10	2	− 7·08	+ 0·07	8135					10551
3849	93 5 49·04	50·70	1	− 7·09							
3850	121 10 47·54	50·66	1	− 7·10	+ 1·72	8136					10553
3851	118 18 6·08	50·99	2	− 7·13	+21·01*	8139					10556
3852	111 49										
3853	159 55 36·23	50·86	3	− 7·15	+ 0·77	8113	6683				10566
3854	120 40 31·95	51·12	2	− 7·15	+ 0·95	8140					10557
3855	116 20 31·26	50·94	2	− 7·16	− 0·46	8144					10558
3856	156 14 16·08	50·38	2	− 7·18	+ 1·46	8119	6685				10567
3857	138 24 57·31	50·19	3	− 7·19	+ 1·89	8137	6689				10563
3858	157 0 41·57	51·05	2	− 7·27	+ 0·85	8127	6690				10574
3859	121 55 38·88	51·08	2	− 7·31	+ 1·59	8152					10570
3860	114 10 42·35	51·12	2	− 7·31	+ 0·02	8154					10569
3861	148 18 26·94	51·08	2	− 7·33	+ 1·52	8142	6696				10578
3862	113 37 54·66	51·02	2	− 7·40							
3863	111 5 55·94	51·01	2	− 7·41							
3864	100 53 1·14	50·29	1	− 7·42	− 2·32						10579
3865	115 2 33·81	51·13	2	− 7·43	+ 1·64	8162					10580
3866	156 11 9·03	51·00	2	− 7·43	+ 1·69	8141	6699				10588
3867	115 12 34·99	50·98	2	− 7·48	+ 1·09	8166			497		10584
3868	109 10 44·30	50·59	1	− 7·49				314			
3869	171 42 37·03	50·61	2	− 7·50	− 0·01	8094	6694				10611
3870	108 33 33·51	50·66	1	− 7·54							

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3871	6713	5·6	39 Aquilæ - - κ	19 28 49·43	52·20	2	+3·230	−0·22
3872	6715	5	41 Aquilæ - - ι	19 28 57·72	51·65	2	+3·106	
3873	6716	7	Sagittarii - - -	19 29 34·18	52·00	3	+3·754	−0·02
3874	6719	6	42 Aquilæ - - -	19 29 49·86	52·17	2	+3·178	
3875	6726	6·7	53 Sagittarii - - -	19 30 48·28	52·50	2	+3·614	+0·11
3876	6727	6	Bradley 2488 - -	19 31 5·77	52·50	2	+3·613	0·00
3877	6732	5	Cape 1840 Cat., No. 2560	19 32 2				
3878	6733	6	54 Sagittarii - - e^1	19 32 7				
3879	6736	6	45 Aquilæ - - -	19 32 59·73	52·57	2	+3·091	
3880	6738	7	Sagittarii - - -	19 33 16·24	52·61	2	+3·649	+0·04
3881	6742	5·6	55 Sagittarii - - e^2	19 33 56·17	51·94	6	+3·433	−0·01
3882	6743	7	Cape 1840 Cat., No. 2563	19 34 16·99	52·66	2	+6·383	+0·06
3883	6746	6	Piazzi XIX–230 - -	19 35 0·12	53·63	2	+3·417	
3884	6751	5·6	Telescopii - - ν	19 35 44·81	52·65	2	+4·932	+0·16
3885	6753	7·6	Piazzi XIX–237 - -	19 35 53·90	51·67	3	+3·812	−0·06
3886	6755	6	Piazzi XIX–243 - -	19 36 26·57	51·65	3	+3·841	−0·02
3887	6756	5·6	Cape 1840 Cat., No. 2566	19 36 37				
3888	6757	7·6	Cape 1840 Cat., No. 2568	19 37 12·32	52·64	2	+5·308	−0·10
3889	6760	5·6	56 Sagittarii - - f	19 37 36·53	51·65	2	+3·517	
3890	6766	5	Taylor 9077 - - -	19 37 59·30	52·63	2	+5·141	−0·03
3891		7·6	Sagittarii - - -	19 38 28				
3892	6768	7	Sagittarii - - -	19 38 29·55	51·67	2	+3·759	−0·16
3893	6772	3	50 Aquilæ - - γ	19 39 7·65	52·20	21	+2·851	+0·01
3894	6773	7	Piazzi XIX–260 - -	19 39 9·28	52·57	2	+3·544	
3895	6774	6·7	Taylor 9091 - - -	19 39 15·06	52·63	2	+4·415	−0·18
3896	6776	6·7	Piazzi XIX–265 - -	19 39 37·32	52·09	2	+3·375	
3897		6	Sagittarii - - -	19 39 49·51	50·59	2	+3·751	+0·27
3898	6778	7	Piazzi XIX–266 - -	19 40 16·94	52·65	2	+4·170	+0·15
3899	6781	7	Piazzi XIX–271 - -	19 40 29·25	52·63	2	+3·343	
3900	6782	6	Taylor 9099 - - -	19 40 39·21	52·67	2	+4·821	−0·19
3901		7·6	Telescopii - - -	19 40 40·37	52·68	1	+4·822	+0·01
3902	6785	6	Bradley 2515 - -	19 40 46·07	52·68	1	+3·311	
3903	6786	7	Sagittarii - - -	19 41 9·77	52·65	2	+3·689	+0·03
3904	6787	6	Taylor 9110 - - -	19 41 32·43	50·62	2	+5·300	+0·01
3905	6788	7	Piazzi XIX–281 - -	19 41 35·32	52·12	2	+3·308	
3906	6790	6	Piazzi XIX–275 - -	19 41 38·34	52·56	2	+4·093	+0·11
3907	6792	7	Sagittarii - - -	19 41 55·11	52·65	2	+3·708	+0·02
3908	6795	7	Sagittarii - - -	19 42 27·03	52·62	2	+3·697	+0·02
3909	6796	5·6	51 Aquilæ - - -	19 42 31·57	52·29	3	+3·308	
3910	6798	6	Octantis - - -	19 42 47·84	52·74	2	+7·386	+0·21
3911	6797	6	Cape 1840 Cat., No. 2577	19 43 7·34	52·61	1	+6·302	+0·23
3912	6801	4	Pavonis - - ϵ	19 43 8·91	51·27	2	+7·082	+0·30
3913	6802	1·2	53 Aquilæ - - α	19 43 27·82	52·07	51	+2·891	+0·08
3914	6803	5·6	57 Sagittarii - - -	19 43 28·71	52·66	2	+3·495	
3915	6807	5	Taylor 9130 - - -	19 44 28·35	52·68	2	+5·092	+0·02

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

3897. This is the nearest bright star to the place of B.A.C. 6775.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3871	97 21 23·13	50·35	1	− 7·58	+ 1·14			315	498		10590
3872	91 36 53·84	50·66	1	− 7·59					499		
3873	118 56 27·85	51·15	3	− 7·64	− 0·49	8175					10597
3874	94 58 40·24	50·36	1	− 7·66							
3875	113 45 49·22	50·41	3	− 7·74	+ 1·95	8182					10606
3876	113 46 1·17	50·41	3	− 7·76	+ 1·02	8183					10608
3877	162 51 33·91	51·22	3	− 7·84	− 0·74	8156	6714				10621
3878	106 37 55·03	50·61	1	− 7·85	+ 2·77			316			10613
3879	90 57 51·83	50·29	1	− 7·92							
3880	115 12 15·57	51·33	4	− 7·94	− 0·13	8198					10619
3881	106 28							317			10623
3882	159 41 56·44	50·82	3	− 8·02	− 0·43	8177	6721				10630
3883	105 48 48·57	50·39	2	− 8·08							
3884	146 42 58·63	50·94	2	− 8·14	+ 3·50	8200	6725				10634
3885	121 15 28·09	51·09	2	− 8·15	− 0·55	8208					10631
3886	122 15 53·54	50·95	2	− 8·19	+ 2·11	8211					10636
3887	155 57 50·20	51·05	2	− 8·20	+ 5·07*	8195	6727				10642
3888	151 25 36·62	51·18	3	− 8·25	+ 0·31	8201	6730				10645
3889	110 7 2·16	50·80	2	− 8·29			6734				
3890	149 33 40·58	51·07	2	− 8·32	+ 1·45	8207	6733				10651
3891	118 51 15·06	50·61	3	− 8·36	+ 0·78						10647
3892	119 31 24·31	51·22	3	− 8·36	+ 0·62	8223					10648
3893	79 44						6742	318		140	10650
3894	111 19 19·80	50·59	1	− 8·41							
3895	137 55 31·39	51·28	3	− 8·42	+ 1·73	8221	6738				10657
3896	104 4 5·44	50·38	1	− 8·45							
3897	119 9 9·08	51·03	4	− 8·46	+ 4·35	8232					10660
3898	132 13 48·47	50·66	1	− 8·50	+ 0·40	8233					10664
3899	102 41 13·77	50·36	1	− 8·51							
3900	145 20 44·74	51·33	4	− 8·53	+ 0·90	8227	6745				10668
3901	145 21 4·56	51·64	3	− 8·53	+ 0·81						10669
3902	101 14 20·62	51·72	1	− 8·54							
3903	117 5 16·90	50·58	2	− 8·57	− 0·81	8241					10667
3904	151 33 3·37	51·12	2	− 8·60	− 0·40	8226	6747				10679
3905	101 5 48·63	50·66	1	− 8·60							
3906	130 14 56·48	51·31	3	− 8·61	+ 0·52	8239					10675
3907	117 50 46·19	51·14	2	− 8·63	+ 0·53	8243					10676
3908	117 27 29·64	51·00	2	− 8·67	+ 0·07	8248					10680
3909	101 8 22·78	50·29	1	− 8·68							
3910	164 24 12·03	51·16	2	− 8·69	+ 0·86	8213	6750				10691
3911	159 32 54·55	50·64	2	− 8·72	+ 2·89	8224	6751				10688
3912	163 17 48·71	51·32	3	− 8·72	+ 0·13	8219	6752		501		10694
3913	81 31						6758	320		137	10682
3914	109 25 16·93	50·46	1	− 8·75				319			
3915	149 17 20·41	51·27	3	− 8·83	+ 1·17	8245	6759				10697

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
3916	6809	6	Taylor 9131	19 44 31·42	52·65	2	+ 5·015	−0·05
3917	6812	4·5	Sagittarii ι	19 44 54·09	52·66	2	+ 4·160	−0·01
3918	6814	6	Sagittarii	19 45 18·47	52·63	2	+ 3·612	−0·29
3919	6815	5·6	B. F. 2695	19 45 27·34	52·70	2	+ 3·144	
3920	6816	6·7	Piazzi XIX–302	19 45 27·78	52·55	2	+ 3·861	−0·15
3921	6820	5	Pavonis μ^1	19 45 43·74	52·71	2	+ 5·938	−0·34
3922	6821	6	56 Aquilæ	19 45 59·78	52·61	2	+ 3·259	
3923	6822	6	57 Aquilæ	19 46 30·04	52·60	1	+ 3·252	
3924		6·7	Taylor 9149	19 46 30·27	52·60	1	+ 3·252	
3925	6823	6·5	58 Sagittarii ω	19 46 38·82	52·66	2	+ 3·671	−0·19
3926	6826	6	58 Aquilæ	19 47 3·68	52·70	2	+ 3·073	
3927	6828	5	Pavonis μ^2	19 47 13·19	52·71	2	+ 5·930	0·00
3928	6829	7·6	Sagittarii	19 47 22·32	52·70	1	+ 3·786	−0·03
3929	6831	7	Sagittarii	19 47 43·09	52·71	2	+ 3·588	−0·22
3930	6832	5·6	59 Sagittarii b	19 47 44·24	52·59	2	+ 3·693	−0·02
3931	6833	4	60 Aquilæ β	19 47 56·64	52·22	18	+ 2·945	+0·01
3932	6837	5·6	Taylor 9162	19 49 4·41	52·71	2	+ 5·111	+0·02
3933	6840	5·6	61 Sagittarii g	19 49 26·36	52·17	2	+ 3·409	
3934	6841	6·7	Sagittarii	19 49 29·87	51·67	2	+ 3·782	−0·04
3935		8	Sagittarii	19 49 40·06	51·65	1	+ 3·567	
3936	6842	5·6	60 Sagittarii A	19 49 48·53	52·66	2	+ 3·665	+0·05
3937	6843	5·6	Piazzi XIX–330	19 49 57·74	52·57	2	+ 3·922	−0·03
3938	6844	6·7	Rumker 508	19 50 0·24	52·68	2	+ 4·194	−0·31
3939	6845	6·7	Piazzi XIX–333	19 50 6·68	52·65	2	+ 3·904	+0·08
3940	6846	6	Piazzi XIX–328	19 50 9·93	52·70	1	+ 4·278	−0·11
3941	6848	6	Pavonis	19 50 31				
3942	6850	7	Taylor 9173	19 50 40·56	51·65	3	+ 3·564	
3943	6854	7	Sagittarii	19 51 18·59	52·55	2	+ 3·726	−0·15
3944	6859	6	Octantis	19 52 13·58	50·59	2	+13·855	−0·21
3945	6864	6·7	Piazzi XIX–351	19 52 28·66	52·15	2	+ 3·575	−0·04
3946	6870	5	62 Sagittarii c	19 53 25·75	52·20	2	+ 3·699	−0·09
3947	6871	6	63 Sagittarii	19 53 34·30	51·72	2	+ 3·365	
3948	6872	6	Piazzi XIX–353	19 53 35·05	52·65	2	+ 4·001	−0·16
3949	6873	3·4	Pavonis δ	19 53 57·36	50·63	1	+ 5·780	+0·29
3950	6874	7·6	Pavonis	19 54 0·20	52·57	2	+ 5·809	−0·15
3951	6877	5·6	Piazzi XIX–366	19 54 48·42	52·66	2	+ 3·817	−0·06
3952	6878	6·7	Piazzi XIX–369	19 54 50·64	52·22	2	+ 3·569	−0·05
3953	6880	7·8	Piazzi XIX–372	19 55 3·59	52·64	2	+ 3·403	
3954	6884	5·6	Taylor 9213	19 55 44·87	52·68	2	+ 4·769	−0·04
3955	6885	5·6	Taylor 9214	19 55 52·22	52·69	1	+ 4·640	−0·14
3956	6886	7·6	Piazzi XIX–374	19 55 57·61	52·64	2	+ 3·842	−0·06
3957	6887	7	Sagittarii	19 56 0·80	51·67	2	+ 3·732	+0·07
3958	6888	7	Sagittarii	19 56 2·42	51·69	2	+ 3·672	+0·13
3959	6889	6	Piazzi XIX–377	19 56 8·13	52·71	1	+ 3·537	
3960	6891	6	62 Aquilæ	19 56 39·50	52·55	2	+ 3·094	

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3924. The magnitude is taken from Yarnall.

3935. The magnitude is taken from Oeltzen's Argelander.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3916	148 18 43·39	51·14	2	− 8·83	+ 1·48	8247	6760				10698
3917	132 15 24·15	51·13	2	− 8·86	− 0·60	8255			502		10696
3918	114 18 32·80	50·54	2	− 8·90	+11·92*	8262					10699
3919	93 29 55·70	50·66	1	− 8·91							
3920	123 25 58·91	51·31	3	− 8·91	− 0·44	8260					10701
3921	157 20 12·49	50·44	3	− 8·93	+ 4·84	8244	6764				10708
3922	98 57 33·97	50·66	1	− 8·95							
3923	98 36 49·50	50·70	1	− 8·99							
3924	98 37 24·84	50·70	1	− 8·99							
3925	116 41 32·52	50·57	1	− 9·00	0·00	8268					10707
3926	90 6										
3927	157 20 28·14	50·44	3	− 9·04	+ 2·34	8251	6767				10719
3928	120 57 44·36	50·81	3	− 9·06	+ 0·54	8274					10711
3929	113 27 25·30	51·21	3	− 9·08	+ 2·52	8279					10713
3930	117 33 45·62	50·40	2	− 9·08	+ 0·11	8277		321	503		10715
3931	83 57						6774	322		132	10712
3932	149 46 37·45	50·43	1	− 9·19	+ 3·95	8269	6775				10730
3933	105 53 6·52	51·01	2	− 9·22							
3934	120 56 6·94	50·88	3	− 9·22	+ 1·43	8288					10727
3935	112 39										
3936	116 35 47·86	51·12	2	− 9·25	− 0·09	8294					10731
3937	125 40 34·56	51·08	2	− 9·26	+ 1·95	8291					10735
3938	133 26 46·11	51·12	2	− 9·26	+ 1·03	8286					10739
3939	125 5 48·12	51·26	3	− 9·27	+ 1·78	8292					10737
3940	135 30 59·47	50·34	2	− 9·27	− 0·30	8285					10741
3941	157 42 14·51	50·56	2	− 9·29	+15·25*	8267	6777				10750
3942	112 36 47·02	51·12	2	− 9·31							
3943	118 59 27·59	51·18	3	− 9·36	+ 1·39	8304					10746
3944	173 45 22·06	50·61	2	− 9·44	+ 0·43	8202	6771				10789
3945	113 8 39·85	51·13	2	− 9·45	+ 2·91	8308					10756
3946	118 7 19·42	51·09	2	− 9·53	− 0·10	8315		323	505		10762
3947	104 2 54·20	51·07	2	− 9·54							
3948	128 21 0·44	51·13	2	− 9·54	+ 3·01	8310					10765
3949	156 33 23·43	50·55	2	− 9·57	− 1·65	8295	6787		504		10776
3950	156 46 33·14	51·05	2	− 9·57	+ 0·39		6788				10775
3951	122 28 20·07	50·97	2	− 9·63	− 1·33	8322			506		10774
3952	113 0 43·06	50·49	1	− 9·63	+ 1·22	8325					10773
3953	105 49 44·73	50·58	1	− 9·65							
3954	145 26 24·65	51·08	2	− 9·70	+ 0·11	8320	6793				10784
3955	143 18 13·33	51·06	2	− 9·71	+ 1·23	8321	6794				10785
3956	123 25					8330					10782
3957	119 29 39·99	51·19	3	− 9·72	+ 4·26	8333					10783
3958	117 13 57·77	51·19	3	− 9·73	+ 0·10	8334					10781
3959	111 43 55·26	50·56	1	− 9·73							
3960	91 7 24·19	50·66	1	− 9·77							

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				h m s			s	s
3961	6892	6	64 Sagittarii - - -	19 56 48·24	52·66	2	+ 3·319	
3962	6894	6	65 Sagittarii - - -	19 57 5·82	52·67	2	+ 3·342	
3963	6899	7·6	Sagittarii - - -	19 58 3·56	52·66	2	+ 3·747	−0·13
3964	6900	6	Octantis - - -	19 58 19·68	50·58	1	+ 9·697	−0·39
3965	6902	6	Taylor 9241 - - -	19 58 54·70	52·69	2	+ 4·925	+0·03
3966	6903	7	Piazzi XIX–402 - -	19 59 32·76	51·70	2	+ 3·475	
3967	6904	6·7	Rumker 509 - - -	19 59 38·59	52·67	2	+ 4·203	−0·07
3968	6906	7	Sagittarii - - -	19 59 58·47	52·68	2	+ 3·652	−0·06
3969	6907	7	Piazzi XIX–404 - -	20 0 1·24	52·45	2	+ 3·391	
3970	6908	5·7	Sagittarii - - -	20 0 3·58	52·47	2	+ 3·709	−0·07
3971	6910	6	64 Aquilæ - - -	20 0 17·12	51·65	2	+ 3·093	
3972	6909	6·7	Cape 1840 Cat., No. 2597	20 0 17				
3973	6911	7	Piazzi XIX–406 - -	20 0 19·11	52·55	2	+ 3·285	
3974		7	Sagittarii - - -	20 0 24·61	52·67	1	+ 4·190	+0·03
3975		7	Pavonis - - -	20 0 44·26	51·43	2	+ 5·245	−0·37
3976	6914	7·8	Piazzi XIX–410 - -	20 0 47·18	52·63	2	+ 3·515	
3977	6916	6·7	Piazzi XIX–405 - -	20 0 50·43	52·65	1	+ 4·190	−0·02
3978	6919	6·5	Cape 1840 Cat., No. 2600	20 1 3				
3979	6920	7	Sagittarii - - -	20 1 3·88	52·68	2	+ 3·627	+0·04
3980	6922	6	Piazzi XIX–411 - -	20 1 20·21	51·60	2	+ 3·924	−0·15
3981	6921	7	Cape 1840 Cat., No. 2599	20 1 24·70	51·72	2	+ 9·299	−0·31
3982	6923	7	Piazzi XIX–417 - -	20 1 43·67	52·18	2	+ 3·486	
3983	6925	6·7	Piazzi XIX–416 - -	20 2 4·42	52·69	2	+ 4·153	−0·33
3984	6929	6	Cape 1840 Cat., No. 2601	20 2 35				
3985	6931	5	Taylor 9270 - - -	20 2 55·20	52·65	2	+ 4·590	−0·13
3986	6934	3	65 Aquilæ - - θ	20 3 33·94	52·50	2	+ 3·096	−0·11
3987	6935	6	1 Capricorni - - ξ^1	20 3 39·11	52·12	2	+ 3·332	
3988	6938	6	2 Capricorni - - ξ^2	20 4 4·43	51·92	3	+ 3·336	
3989	6942	6·7	66 Aquilæ - - -	20 5 29·11	52·49	2	+ 3·100	
3990	6946	6	Pavonis - - -	20 5 44·55	52·64	2	+ 5·249	+0·05
3991	6945	6	Cape 1840 Cat., No. 2603	20 5 46·19	52·63	2	+ 5·377	−0·30
3992	6947	6	Piazzi XX–29 - -	20 5 55·51	50·59	1	+ 3·664	+0·09
3993	6948	7·6	Sagittarii - - -	20 6 31·01	52·11	2	+ 3·740	−0·01
3994	6949	7·8	Piazzi XX–40 - -	20 6 34·10	52·61	2	+ 3·299	
3995	6950	7·6	Cape 1840 Cat., No. 2605	20 7 8				
3996	6951	6	Cape 1840 Cat., No. 2606	20 7 17·56	52·71	2	+ 5·775	−0·56
3997	6953	7	Piazzi XX–45 - -	20 7 31·86	51·78	2	+ 3·412	
3998	6955	6·5	Octantis - - -	20 7 55·92	52·75	1	+ 10·610	+0·49
3999	6954	7·6	Rumker 514 - - -	20 7 57·59	52·57	2	+ 4·140	−0·10
4000	6956	6·7	3 Capricorni - - -	20 8 4·29	52·66	2	+ 3·328	
4001	6958	7·6	Taylor 9318 - - -	20 8 9·42	52·71	2	+ 4·337	−0·13
4002	6961	6·7	Indi - - - -	20 8 29·59	52·74	2	+ 4·330	+0·43
4003	6960	7	Rumker 515 - - -	20 8 29·65	52·72	2	+ 4·203	−0·06
4004	6964	6	Taylor 9325 - - -	20 8 50·42	52·76	2	+ 4·717	−0·02
4005	6971	6	4 Capricorni - - -	20 9 12·36	52·63	2	+ 3·533	

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
3961	102 1										
3962	103 5 5·34	50·57	1	− 9·81							
3963	120 8 53·07	51·04	2	− 9·88	+ 0·35	8346					10795
3964	170 2 47·56	50·56	2	− 9·91	− 0·03	8281	6796				10811
3965	147 57 24·25	51·03	2	− 9·95	− 0·98	8337	6803				10801
3966	109 13 57·83	50·59	1	− 9·99							
3967	134 19 35·81	51·11	2	−10·00	+ 0·63	8348					10803
3968	116 39 11·29	51·12	2	−10·03	+ 3·26	8359					10804
3969	105 27 25·86	50·60	1	−10·03							
3970	118 52 14·69	51·02	2	−10·03	+ 1·81	8358					10805
3971	91 6 21·32	50·66	1	−10·05							
3972	169 24 45·55	50·65	2	−10·05	+ 0·37	8301	6802				10822
3973	100 29 33·26	50·68	1	−10·05							
3974	134 2					8355					10807
3975	151 59 22·66	50·50	3	−10·09	+ 0·71		6806				10814
3976	111 1 27·80	51·12	2	−10·09							
3977	134 5 56·50	51·17	2	−10·09	− 0·56	8357	6811				10810
3978	153 51 32·96	50·52	2	−10·11	− 1·07	8345	6809				10818
3979	115 43 8·56	51·30	3	−10·11	+ 0·32	8364					10809
3980	126 28 23·31	50·95	3	−10·13	+ 0·54	8362					10813
3981	169 30 22·43	51·33	3	−10·13	− 0·47	8306	6804				10832
3982	109 48 56·11	50·66	1	−10·16							
3983	133 12 56·91	51·02	2	−10·18	+ 4·33	8366					10820
3984	157 54 2·33	50·56	2	−10·23	+ 1·72	8353					10829
3985	142 53 17·48	51·03	2	−10·25	+ 1·60	8367	6814				10826
3986	91 15 46·42	50·35	2	−10·30	− 1·13			325	507		10825
3987	102 50 2·14	50·35	1	−10·30							
3988	103 3 9·15	50·35	1	−10·33							
3989	91 27 18·58	50·68	1	−10·44							
3990	152 21 36·86	50·95	2	−10·46	+ 3·00	8370					10837
3991	153 41 1·64	50·86	3	−10·46	+ 2·68	8368	6819				10839
3992	117 28 34·07	50·63	2	−10·47	− 0·88	8381					10835
3993	120 27 28·60	50·66	1	−10·52	+ 0·57	8386					10838
3994	101 20 26·00	50·62	1	−10·52							
3995	157 46 32·41	50·96	3	−10·56	− 0·52	8371	6822				10853
3996	157 12 43·53	51·00	2	−10·58	+ 0·58	8374	6823				10854
3997	106 44 52·34	50·59	1	−10·59							
3998	171 26 43·25	50·45	3	−10·62	+ 1·51	8331					10882
3999	133 18 57·55	51·08	2	−10·62	+ 2·07						10852
4000	102 47 30·14	50·59	1	−10·63							
4001	138 10 13·27	51·12	2	−10·64	+ 0·20	8388	6825				10855
4002	138 2 0·04	51·28	3	−10·66	+ 5·43*	8393	6828				10859
4003	134 59 5·20	51·13	2	−10·66	+ 0·36	8395					10858
4004	145 30 44·78	51·12	2	−10·69	+ 1·72	8389	6829				10863
4005	112 16 8·61	50·37	1	−10·72							

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				h m s			s	s
4006	6972	4	5 Capricorni - - α^1	20 9 19·81	52·54	5	+ 3·331	+0·06
4007	6974	3·4	6 Capricorni - - α^2	20 9 43·74	52·07	23	+ 3·331	−0·01
4008	6977	7	Sagittarii - - -	20 10 6·74	52·65	2	+ 3·724	−0·13
4009	6981	5·6	7 Capricorni - - σ	20 10 44·01	52·67	2	+ 3·471	
4010	6982	7	Capricorni - - -	20 10 46·27	52·65	2	+ 3·612	−0·43
4011	6984	7	Sagittarii - - -	20 11 13·02	50·59	1	+ 3·711	−0·10
4012	6987	7	Piazzi XX–76 - -	20 11 47·34	52·64	2	+ 3·482	
4013	6988	8	Aquilæ - - -	20 12 9·25	52·69	2	+ 3·092	
4014	6989	6·7	Piazzi XX–75 - -	20 12 15·60	52·69	2	+ 4·098	−0·13
4015	6991	5	8 Capricorni - - ν	20 12 20·37	52·72	2	+ 3·334	
4016	6992	6·7	Bradley 2607 - -	20 12 20·76	51·81	3	+ 3·376	
4017	6993	5·6	Octantis - - -	20 12 32				
4018	6995	3·4	9 Capricorni - - β	20 12 34·77	52·00	13	+ 3·376	−0·03
4019	7002	6	Piazzi XX–87 - -	20 13 40·28	52·71	2	+ 4·108	+0·03
4020	7004	2	Pavonis - - α	20 13 44·83	52·46	15	+ 4·802	+0·09
4021	7003	7	Sagittarii - - -	20 13 51				
4022	7009	7·8	Piazzi XX–102 - -	20 15 2·65	52·66	2	+ 3·363	
4023	7010	7·6	Cape 1840 Cat., No. 2614	20 15 25·08	52·74	2	+ 6·050	+0·03
4024	7011	7	Capricorni - - -	20 15 29				
4025	7012	7·6	Capricorni - - -	20 15 35·48	52·66	2	+ 3·619	−0·09
4026	7015	6	Taylor 9387 - - -	20 15 45·81	52·70	2	+ 4·044	−0·41
4027	7016	7·8	Piazzi XX–107 - -	20 15 51·12	50·58	2	+ 3·359	
4028	7018	6	Capricorni - - -	20 16 15·35	52·61	2	+ 3·688	−0·04
4029	7019	7	Piazzi XX–109 - -	20 16 24·71	52·67	2	+ 3·472	
4030	7020	6·7	Octantis - - B	20 16 25·12	52·71	1	+ 133·716	−1·97
4031	7021	7	Capricorni - - -	20 16 44·90	52·73	2	+ 3·635	−0·16
4032	7023	7·8	Piazzi XX–114 - -	20 16 52·11	52·35	3	+ 3·309	
4033	7025	6·7	Piazzi XX–111 - -	20 17 9·18	52·71	2	+ 3·930	−0·60*
4034	7026	7·6	Capricorni - - -	20 17 19				
4035	7028	7	Taylor 9401 - - -	20 17 34				
4036	7030	7	Capricorni - - -	20 18 17·20	52·46	2	+ 3·688	−0·20
4037	7031	5	10 Capricorni - - π	20 18 43·75	52·54	3	+ 3·443	
4038	7032	7·8	Capricorni - - -	20 18 45·92	52·50	2	+ 3·674	+0·03
4039	7033	7	Capricorni - - -	20 18 52·72	52·53	2	+ 3·701	−0·06
4040	7034	7	Capricorni - - -	20 19 1·39	52·63	2	+ 3·609	−0·18
4041	7036	6	Piazzi XX–133 - -	20 19 8·53	52·64	2	+ 3·871	−0·03
4042	7038	6	Cape 1840 Cat., No. 2618	20 19 28				
4043	7039	7	Capricorni - - -	20 19 34				
4044	7040	7	Capricorni - - -	20 19 50				
4045	7042	5	11 Capricorni - - ρ	20 20 17·97	51·95	8	+ 3·433	+0·08
4046	7043	6·7	Piazzi XX–145 - -	20 20 26·35	52·73	2	+ 3·424	
4047	7044	7	Bradley 2627 - -	20 20 26·35	52·74	2	+ 3·434	
4048	7045	7·6	Pavonis - - -	20 20 32				
4049	7046	6	68 Aquilæ - - -	20 20 33·41	52·75	2	+ 3·144	
4050	7049	6	Piazzi XX–146 - -	20 20 42·85	52·73	2	+ 3·532	−0·10

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4006	102 58 4·35	50·84	4	−10·73	− 0·77				508	108	10861
4007	103 0							326	509	107	10864
4008	120 5 13·42	51·02	2	−10·78	+ 1·47	8401					10868
4009	109 34 55·58	50·59	1	−10·83				327			
4010	115 41 15·31	51·12	2	−10·83	+ 4·00	8407					10877
4011	119 39 49·49	50·45	3	−10·86	+ 0·91	8409					10880
4012	110 6 47·12	51·33	3	−10·91							
4013	91 6 45·89	50·71	1	−10·93							
4014	132 31 2·18	51·17	2	−10·94	+ 2·27	8415					10889
4015	103 13 36·26	50·67	1	−10·95			6844		510		
4016	105 15 13·89	51·82	3	−10·95							
4017	171 46 59·95	50·56	2	−10·95	+ 1·00	8360	6834				10907
4018	105 15							328	511		10888
4019	132 53 57·33	51·18	2	−11·05	+ 0·23	8417					10893
4020	147 12					8416	6846	329	512	38	10899
4021	132 16 15·04	50·67	2	−11·05	+ 1·46	8419	6848				10894
4022	104 44										
4023	159 33 18·11	50·86	3	−11·17	+ 1·07	8412	6849				10911
4024	119 33 17·29	50·52	1	−11·18	+ 3·04	8427					10903
4025	116 18 44·69	51·12	2	−11·19	+ 1·37	8430					10904
4026	131 16 27·32	51·38	4	−11·20	+ 1·88	8426	6851				10906
4027	104 35 32·19	50·69	1	−11·20							
4028	119 8 41·88	51·65	1	−11·23	+ 0·59	8433					10909
4029	109 54 55·60	50·43	1	−11·24							
4030	179 30					6460	6644				11301
4031	117 2 21·99	51·26	3	−11·27	− 0·99	8440					10913
4032	102 11 11·04	50·69	1	−11·28							
4033	127 53 0·22	50·60	1	−11·30	+ 3·82*	8438					10915
4034	119 33 24·63	50·45	2	−11·31	+ 2·83	8442					10916
4035	149 15 44·84	50·84	4	−11·33	− 0·65	8428	6855				10920
4036	119 18 5·61	51·12	2	−11·38	+ 0·81	8447					10921
4037	108 41 58·92	50·67	1	−11·41				330	513		
4038	118 45 1·53	51·18	2	−11·41	+ 0·57	8451					10924
4039	119 51 45·29	51·17	2	−11·42	+ 1·07	8452					10925
4040	116 5 50·00	51·15	2	−11·43	− 0·44	8457					10926
4041	126 5 8·59	51·13	2	−11·44	+ 1·84	8453					10928
4042	161 41 23·99	50·54	2	−11·47	− 0·78	8424	6857				10936
4043	114 38 59·96	51·09	2	−11·47	+ 3·33	8458					10930
4044	114 28 23·58	51·26	3	−11·49	+ 2·83	8459					10932
4045	108 18 19·98	50·59	1	−11·52	+ 0·02			331	514		10934
4046	107 55 36·32	50·67	1	−11·53							
4047	108 21 48·16	50·59	1	−11·54							
4048	161 45 51·45	50·54	2	−11·54	+ 0·69	8431	6862				10940
4049	93 50 56·93	50·69	1	−11·54							
4050	112 53 5·16	50·67	1	−11·55	+ 0·94	8463					10935

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4051	7050	6	Cape 1840 Cat., No. 2620	20 20 53·79	52·76	2	+6·090	−0·07
4052	7052	6·7	Cape 1840 Cat., No. 2621	20 21 2·76	51·46	1	+6·348	−0·45
4053	7053	7	Bradley 2630 - -	20 21 16·49	52·47	1	+3·448	
4054	7054	6	12 Capricorni - - o	20 21 17·74	52·61	2	+3·448	
4055	7056	7·6	Cape 1840 Cat., No. 2625	20 21 40·96	52·73	2	+5·287	−0·02
4056	7057	6·7	Capricorni - - -	20 21 44				
4057	7058	5	69 Aquilæ - - -	20 21 48·43	52·47	2	+3·135	+0·05
4058	7059	7·6	Pavonis - - -	20 21 56·13	52·80	1	+6·055	+1·04*
4059	7063	6	Capricorni - - -	20 22 39·87	52·00	2	+3·373	
4060		8	Indi - - - -	20 22 48·21	52·69	2	+4·160	
4061	7066	3·4	Pavonis - - ϕ^1	20 23 6·76	52·73	2	+5·034	+0·15
4062	7068	5	Octantis - - μ^1	20 23 20·36	52·81	1	+7·655	−0·04
4063	7069	7	Piazzi XX–166 - -	20 23 25·96	52·50	2	+3·523	+0·03
4064	7070	7	Piazzi XX–167 - -	20 23 28·51	52·67	2	+3·523	−0·29
4065	7071	7	Capricorni - - -	20 23 32·88	52·68	2	+3·674	+0·05
4066	7072	5·6	Indi - - - ν	20 23 35·57	52·69	2	+4·154	−0·10
4067	7074	6	Rumker 520 - -	20 23 40·20	52·74	2	+5·255	−0·04
4068	7075	5	Octantis - - -	20 23 43·09	52·76	2	+7·369	+0·85
4069		6·7	Octantis - - -	20 23 44·56	52·73	1	+7·368	+0·78
4070	7077	6·7	Piazzi XX–170 - -	20 23 56·15	52·66	2	+3·585	−0·17
4071	7078	7	Piazzi XX–172 - -	20 24 1·79	52·47	1	+3·404	
4072	7080	6	Piazzi XX–174 - -	20 24 11·20	52·45	2	+3·268	
4073	7081	7	Piazzi XX–180 - -	20 24 44·87	52·51	3	+3·523	−0·26
4074	7082	5	Pavonis - - p	20 24 58				
4075	7087	7	Piazzi XX–187 - -	20 25 50·41	51·82	3	+3·343	
4076	7092	7	Pavonis - - -	20 26 46				
4077	7093	7	Capricorni - - -	20 26 51·70	52·52	2	+3·624	+0·08
4078	7095	6	Rumker 522 - - -	20 26 59·20	52·66	2	+5·212	+0·16
4079	7096	3	Indi - - - α	20 26 59·86	52·47	1	+4·252	−0·13
4080	7097	6	Piazzi XX–194 - -	20 27 2·60	52·05	2	+3·399	
4081	7099	5	Pavonis - - ϕ^2	20 27 34·37	50·63	1	+5·003	+0·09
4082	7102	7·8	Piazzi XX–200 - -	20 27 45·36	52·65	2	+3·483	
4083	7104	7	Rumker 523 - -	20 28 5·31	52·70	2	+4·139	+0·17
4084	7106	5	Pavonis - - υ	20 28 6·96	52·76	1	+5·620	+0·16
4085	7109	5·6	70 Aquilæ - - -	20 28 54·80	52·75	2	+3·128	
4086	7108	7·6	Capricorni - - -	20 28 55·94	52·81	2	+3·581	−0·04
4087	7110	6	13 Capricorni - - τ^1	20 28 56·27	52·60	2	+3·369	
4088	7111	7	Capricorni - -	20 28 56·79	52·75	2	+3·521	+0·03
4089	7113	7	Capricorni - - -	20 29 11·79	52·70	2	+3·561	−0·04
4090	7115	7·8	Piazzi XX–213 - -	20 29 18·70	52·23	3	+3·409	
4091		7·8	Pavonis - - -	20 29 21				
4092	7116	7	Piazzi XX–215 - -	20 29 42·89	52·65	3	+3·489	
4093	7118	7	Taylor 9502 - - -	20 29 53·39	52·73	2	+4·222	−0·12
4094	7123	7	Capricorni - - -	20 30 34·84	51·61	2	+3·396	
4095	7122	5	71 Aquilæ - - -	20 30 35·45	55·46	2	+3·101	+0·08

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4051	160 6 44·23	51·12	2	−11·57	+ 2·54	8437	6864				10942
4052	161 34 31·70	50·65	2	−11·58	+ 0·94	8436	6865				10943
4053	109 4 43·01	51·31	3	−11·59							
4054	109 4 31·89	51·31	3	−11·60							
4055	153 48 52·00	51·02	3	−11·62	+ 1·59	8456	6869				10944
4056	119 36 37·77	50·63	1	−11·63	+ 0·35	8466					10939
4057	93 22 49·09	50·69	1	−11·63	+ 2·31			332	515		10938
4058	159 57 23·90	51·12	2	−11·64	+ 0·38	8445	6867				10945
4059	105 33 12·92	51·20	2	−11·70							
4060	135 3										
4061	151 4 52·01	50·99	5	−11·73	+ 2·67	8461	6873				10952
4062	166 41 46·56	50·70	2	−11·74	+ 1·79	8435	6870				10966
4063	112 39 25·83	51·18	2	−11·75	+ 1·39	8479					10947
4064	112 39 51·16	51·18	2	−11·75	+ 1·15						10948
4065	119 5 53·03	51·05	2	−11·76	+ 0·80	8478					10951
4066	135 1 10·15	50·68	1	−11·76	+ 1·54	8472	6876				10953
4067	153 37 35·81	50·40	1	−11·76	+ 2·15	8464	6874				10958
4068	165 51 38·40	51·09	2	−11·77	+ 4·01	8443					10968
4069	165 51 21·11	51·09	2	−11·78	+ 3·74						10969
4070	115 26 45·73	50·57	1	−11·78	+ 1·94	8480					10954
4071	107 6 45·68	50·69	1	−11·79			6878				
4072	100 21 39·28	50·45	2	−11·80							
4073	112 44 6·19	50·66	1	−11·84	+ 3·56	8489					10962
4074	152 2 21·10	50·74	5	−11·86	+ 2·64	8470	6880				10971
4075	104 13 59·02	50·35	1	−11·92							
4076	152 3 9·03	50·93	3	−11·98	+ 1·21	8482					10983
4077	117 17 13·14	51·14	2	−11·99	− 1·17	8496					10978
4078	153 25 22·35	51·12	2	−12·00	+ 2·73	8484					10984
4079	137 48 32·98	50·98	2	−12·00	+ 0·43	8494	6885	335	516	52	10981
4080	107 2 13·27	50·64	2	−12·00			6888				
4081	151 2 41·68	50·95	4	−12·04	+ 1·34	8490	6886				10988
4082	111 5 57·56	51·18	2	−12·05							
4083	135 2 30·06	51·13	2	−12·08	+ 0·66	8499					10989
4084	157 16 57·66	51·29	3	−12·08	+ 0·16	8488	6889		517		10994
4085	93 3 56·75	50·69	1	−12·13							
4086	115 37 38·29	51·09	2	−12·13	− 0·16	8504					10993
4087	105 39 48·18	50·67	1	−12·14							
4088	112 57 41·27	51·12	2	−12·14	+ 0·08	8505					10992
4089	114 44 49·54	51·16	2	−12·15	+ 1·36	8506					10995
4090	107 38 24·94	50·72	2	−12·16							
4091	160 22 58·00	50·55	3	−12·17	+ 0·61	8467					11005
4092	111 30										
4093	137 20 58·17	51·13	2	−12·20	+ 0·82	8503	6894				11001
4094	107 4 50·93	51·13	2	−12·25			6898				
4095	91 37 31·89	50·73	1	−12·25	+ 3·15				519		11002

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				h m s			s	s
4096	7127	6	14 Capricorni - - τ^2	20 30 52·89	52·47	1	+3·363	
4097	7128	7·6	Capricorni - - -	20 31 15·85	52·63	2	+3·548	+0·79*
4098	7129	3·4	Pavonis - - β	20 31 22·23	52·69	2	+5·526	+0·30
4099	7130	7	Bradley 2659 - -	20 31 24·97	52·26	3	+3·125	
4100	7133	7	Capricorni - - -	20 31 28·76	52·68	2	+3·554	+0·27
4101	7134	5	15 Capricorni - - υ	20 31 30·28	52·16	6	+3·427	
4102	7135	7	Capricorni - - -	20 31 32·22	52·70	2	+3·634	−0·12
4103	7136	7·6	Capricorni - - -	20 31 35·66	52·50	2	+3·612	−0·02
4104	7138	5·6	1 Aquarii - - -	20 31 43·56	52·71	2	+3·071	
4105	7139	7·6	Capricorni - - -	20 31 45·62	52·74	2	+3·657	+0·02
4106	7142	7	Rumker 525 - -	20 31 58·79	52·74	2	+4·140	−0·21
4107	7145	6·5	Piazzi XX–240 - -	20 32 6·44	50·75	2	+3·386	
4108	7147	6	Capricorni - - -	20 32 26·67	52·10	2	+3·596	−0·24
4109	7148	7	Capricorni - - -	20 32 28·69	52·61	2	+3·642	−0·09
4110	7151	7	Piazzi XX–250 - -	20 32 48·77	52·52	2	+3·410	
4111	7154	5·4	Indi - - - η	20 32 59·49	52·42	1	+4·437	+0·66*
4112	7155	6	Taylor 9544 - - -	20 33 2·83	52·63	2	+3·954	−0·07
4113	7159	7	Taylor 9550 - - -	20 34 7·36	51·62	2	+3·423	
4114	7162	7	Capricorni - - -	20 34 41·01	52·12	2	+3·514	−0·02
4115	7165	5·6	Pavonis - - σ	20 35 1·12	52·71	2	+5·832	−0·48
4116	7168	7	Capricorni - - -	20 35 30·48	52·50	2	+3·641	+0·10
4117	7170	6·7	Capricorni - - -	20 36 12·31	52·47	1	+3·618	−0·02
4118	7171	2·1	50 Cygni - - - α	20 36 19·10	51·83	12	+2·042	+0·08
4119	7172	7	Aquarii - - -	20 36 20·22	52·01	2	+3·151	
4120	7175	6	Piazzi XX–274 - -	20 36 32·81	52·50	3	+3·933	−0·01
4121	7163	7	Rumker 526 - -	20 36 50·89	51·69	2	+4·851	+0·19
4122	7177	5	16 Capricorni - - ψ	20 37 12·35	52·19	3	+3·571	+0·02
4123	7179	6	17 Capricorni - - -	20 37 27·77	52·55	2	+3·489	
4124	7180	7	Capricorni - - -	20 37 27·79	52·65	1	+3·539	−0·03
4125	7181	7	Capricorni - - -	20 37 28·29	52·03	2	+3·607	−0·07
4126	7183	7	Capricorni - - -	20 37 46·10	52·68	2	+3·502	−0·09
4127	7186	5·6	Microscopii - - ι	20 38 18·02	52·67	3	+4·084	+0·14
4128	7187	7	Capricorni - - -	20 38 22·58	52·58	2	+3·595	−0·16
4129	7190	6·7	Taylor 9584 - - -	20 38 35·63	52·68	1	+4·083	
4130	7191	7	Cape 1840 Cat., No. {2642 / 2643}	20 39 4·45	51·80	1	+5·086	+0·10
4131	7192	5	Indi - - - ζ	20 39 8·16	52·62	2	+4·164	+0·06
4132	7195	7	Piazzi XX–296 - -	20 39 31·07	52·47	2	+3·514	
4133	7196	4·3	2 Aquarii - - ϵ	20 39 33·09	51·62	2	+3·252	+0·10
4134	7197	7	Piazzi XX–298 - -	20 39 36·03	52·69	2	+3·512	+0·03
4135	7201	4	3 Aquarii - - -	20 39 49·24	52·65	2	+3·171	
4136	7202	6	B. F. 2827 - - -	20 39 53·47	52·47	1	+3·418	
4137	7205	6·7	Piazzi XX–305 - -	20 40 22·76	51·74	2	+3·577	−0·03
4138	7207	5·6	Microscopii - - α	20 40 35·30	52·65	2	+3·769	−0·17
4139	7208	5·6	Indi - - - ι	20 40 37·81	52·59	2	+4·386	−0·15
4140	7209	6·7	Piazzi XX–310 - -	20 40 49·59	52·58	2	+3·414	

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4121. B.A.C. R.A. is 2 minutes in error.

4130. Close double observed as one mass. Each component 7th magnitude.

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4096	105 28 39·03	50·35	1	−12·27							
4097	114 19 3·85	51·29	3	−12·29	−12·63*	8522					11011
4098	156 44 8·71	50·43	3	−12·30	− 1·54	8500	6897	338	518	19	11021
4099	92 56 12·58	50·70	1	−12·31							
4100	114 37 53·23	51·13	2	−12·31	+ 8·96*	8525					11012
4101	108 39 45·93	50·62	1	−12·31					520		
4102	118 6 45·28	51·18	2	−12·31	− 0·05	8523					11013
4103	117 10 13·08	51·02	2	−12·32	− 0·42	8526					11015
4104	90 2 15·36	50·45	1	−12·33							
4105	119 4 31·64	51·11	2	−12·33	+ 0·67	8527					11016
4106	135 24 51·75	51·02	2	−12·35	+ 0·15	8520					11019
4107	106 39 12·98	50·69	1	−12·35							
4108	116 31 38·13	51·16	2	−12·38	+ 1·02	8532					11022
4109	118 31 21·07	51·04	2	−12·38	+ 2·58	8530					11023
4110	107 54 24·54	50·52	1	−12·40							
4111	142 27 5·22	51·08	2	−12·42	+ 1·72	8524	6904				11027
4112	130 5 22·85	51·13	2	−12·42	+ 0·72	8531	6905				11025
4113	108 38 32·72	51·12	2	−12·49							
4114	112 59 15·41	50·96	2	−12·53	+ 1·02	8542					11037
4115	159 19 2·96	51·31	3	−12·55	+ 1·54	8521	6908				11045
4116	118 44 26·23	51·30	3	−12·59	+ 1·42	8543					11041
4117	117 47 12·03	50·56	2	−12·64	− 0·63	8548					11046
4118	45 15						6913			168	11042
4119	94 27 9·08	50·70	2	−12·64							
4120	129 44 19·56	50·69	2	−12·66	+ 2·30	8545	6911				11048
4121	149 46 40·80	50·63	2	−12·68	+ 0·96	8541	6910				11056
4122	115 48 21·41	50·56	1	−12·70	− 0·37	8553		340	521		11053
4123	112 3 19·34	50·53	1	−12·72							
4124	114 15 57·32	50·84	4	−12·72	+ 0·62	8556					11055
4125	117 24 37·60	51·02	2	−12·72	− 0·62	8555					11057
4126	112 42 17·69	50·70	2	−12·74	+ 2·58	8561					11058
4127	134 31 50·09	50·57	3	−12·78	+ 2·66	8554	6914				11062
4128	116 57 36·65	51·06	2	−12·78	− 0·69	8566					11061
4129	134 31 52·30	50·62	2	−12·80			6916				
4130	152 58 44·70	50·54	3	−12·83	+ 2·02	8550	6917				11069
4131	136 46 35·95	51·14	2	−12·83	+ 0·63	8564	6919				11067
4132	113 23 35·39	51·18	2	−12·86							
4133	100 2 30·14	50·38	1	−12·86	− 0·46			341	522		11066
4134	113 16 52·71	51·18	2	−12·86	+ 5·75*	8572					11068
4135	95 34 25·84	50·40	1	−12·88					523		
4136	108 45 0·39	51·16	2	−12·89							
4137	116 19 50·79	50·66	2	−12·92	− 0·98	8581					11072
4138	124 19 49·27	51·13	2	−12·93	+ 0·12	8579	6922	342	524		11073
4139	142 9 41·39	50·46	2	−12·93	− 0·44	8567	6921				11074
4140	108 35 8·81	50·43	1	−12·95							

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4141	7210	7	Piazzi XX–312 - -	20 41 5				
4142	7212	6	Taylor 9613 - - -	20 41 21·92	52·67	2	+3·880	−0·10
4143	7216	7·6	Capricorni - - -	20 41 39·16	52·68	2	+3·557	−0·36
4144	7221	6·7	Piazzi XX–325 - -	20 42 25·52	52·58	2	+3·307	
4145	7224	7·6	Capricorni - - -	20 42 34·49	52·72	1	+3·623	−0·20
4146	7225	7	Piazzi XX–322 - -	20 42 34				
4147	7226	6·7	Microscopii - - β	20 42 38·93	52·63	2	+3·748	−0·08
4148	7227	5	18 Capricorni - - ω	20 42 51·55	52·44	2	+3·598	+0·10
4149	7228	4	Indi - - - β	20 43 2·78	52·49	1	+4·757	+0·05
4150	7229	6	4 Aquarii - - -	20 43 28·36	52·12	2	+3·180	
4151	7231	7	Pavonis - - -	20 43 46·12	51·69	2	+5·700	+0·36
4152	7232	7	Piazzi XX–337 - -	20 43 48·13	51·72	1	+3·285	
4153	7234	6·5	Piazzi XX–334 - -	20 43 53·72	52·47	2	+3·929	−0·10
4154	7235	6·7	Pavonis - - -	20 43 57·98	52·75	2	+5·800	+0·14
4155	7236	6	5 Aquarii - - -	20 44 12·53	52·62	2	+3·178	
4156	7237	6·7	Piazzi XX–339 - -	20 44 12·80	52·72	2	+3·527	+0·11
4157	7238	7·8	Piazzi XX–341 - -	20 44 14·11	52·73	2	+3·318	
4158	7239	5·4	6 Aquarii - - μ	20 44 33·58	52·72	2	+3·240	−0·02
4159	7240	8·9	Rumker 529 - - -	20 44 34·78	52·75	2	+4·803	
4160	7242	6	Piazzi XX–351 - -	20 44 53·07	52·41	3	+3·287	
4161	7244	7	Capricorni - - -	20 45 12·15	51·71	2	+3·536	−0·05
4162	7245	7	Rumker 530 - - -	20 45 38·06	52·59	2	+4·078	+0·05
4163	7247	6·7	Piazzi XX–360 - -	20 45 58·57	52·14	2	+3·202	
4164	7248	7·8	B. F. 2844 - - -	20 46 14·07	51·72	1	+3·422	
4165	7249	6	19 Capricorni - - -	20 46 18·98	52·46	1	+3·405	
4166	7250	5	Octantis - - α	20 46 20·40	50·56	1	+7·614	−0·06
4167	7251	6	Cape 1840 Cat., No. 2655	20 47 38·97	52·62	2	+5·633	−0·05
4168	7252	6·7	Piazzi XX–370 - -	20 47 52·11	52·47	2	+3·574	+0·04
4169	7261	6	7 Aquarii - - -	20 48 47·27	51·75	3	+3·250	
4170	7263	7	Piazzi XX–386 - -	20 49 16·42	52·46	3	+3·365	
4171	7265	6·7	Taylor 9685 - - -	20 49 39				
4172	7266	6·7	Taylor 9687 - - -	20 49 42·88	52·49	1	+4·445	−0·04
4173	7267	7	Taylor 9689 - - -	20 50 0·50	52·46	2	+4·009	−0·14
4174	7270	6	20 Capricorni - - -	20 51 4·59	51·76	2	+3·420	
4175	7272	6	Octantis - - -	20 51 16				
4176	7279	6	8 Aquarii - - -	20 51 39·69	52·46	2	+3·308	
4177	7280	5	1 Piscis Aust. - - -	20 52 4·67	52·52	2	+3·702	−0·10
4178	7282	6	21 Capricorni - - -	20 52 25·03	52·55	2	+3·390	
4179	7283	6·7	10 Aquarii - - -	20 52 37·03	51·40	1	+3·174	
4180	7284	6	11 Aquarii - - -	20 52 39·56	52·23	2	+3·161	
4181	7286	6	Taylor 9712 - - -	20 52 49				
4182	7287	7	Piazzi XX–411 - -	20 52 50·52	51·71	2	+3·577	−0·06
4183	7288	6	9 Aquarii - - -	20 52 52·02	52·23	2	+3·316	
4184	7289	7	Taylor 9710 - - -	20 52 54				
4185	7292	5·6	Microscopii - - ζ	20 53 21·93	52·57	3	+3·864	+0·04

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4141	117 55 7·83	50·59	2	−12·96	+ 1·03	8575					11075
4142	128 27 59·82	51·13	2	−12·98	+ 0·53	8582	6924				11078
4143	115 31 55·68	51·08	2	−13·00	+ 3·24	8590					11080
4144	103 5 49·81	50·69	1	−13·05							
4145	118 33 6·51	51·13	2	−13·06	+ 0·22	8597					11089
4146	117 48 1·66	50·43	1	−13·06	− 0·75						11088
4147	123 44 5·60	51·17	2	−13·07	+ 0·43	8593	6930				11092
4148	117 28 34·48	50·69	1	−13·08	− 0·81	8601					11093
4149	149 0 52·16	51·15	2	−13·09	+ 1·38	8584	6929	344	525		11097
4150	96 11 2·05	50·70	1	−13·12							
4151	158 59					8578	6931				11111
4152	101 59 50·80	50·68	1	−13·14							
4153	130 22 1·32	51·13	2	−13·15	+ 2·48	8606	6934				11101
4154	159 42 44·44	51·13	2	−13·16	+ 1·02	8577	6932				11113
4155	96 3 59·00	50·71	1	−13·17							
4156	114 20 28·64	51·13	2	−13·17	+ 2·56	8612					11102
4157	103 45 45·38	50·51	1	−13·17							
4158	99 32 33·01	50·70	1	−13·20	− 0·18		6939		526		11107
4159	149 50 17·00	51·12	2	−13·20							
4160	102 8 12·76	50·63	1	−13·22							
4161	114 50 34·64	51·03	2	−13·24	+ 1·61	8617					11116
4162	135 8 29·75	50·90	2	−13·27	+ 1·18		6940				11123
4163	97 27 8·86	50·37	1	−13·29							
4164	109 21 33·18	51·08	2	−13·30							
4165	108 29 17·21	50·66	1	−13·31							
4166	167 35 17·07	50·41	2	−13·31	− 1·00	8570					11135
4167	158 47 11·33	51·08	2	−13·40	+ 0·05	8611	6944				11137
4168	116 51 52·51	51·05	2	−13·41	+ 1·32	8621					11132
4169	100 16 8·57	50·57	1	−13·47							
4170	106 36 18·45	51·11	2	−13·50			6951				
4171	141 50 54·45	50·57	2	−13·53	− 2·79	8624	6949				11140
4172	144 18 57·99	51·06	2	−13·53	+ 2·82		6950				11141
4173	133 35 35·51	51·12	2	−13·55	+ 0·84	8628	6953				11142
4174	109 36 46·71	51·02	2	−13·62							
4175	166 48 9·71	51·02	3	−13·63	+ 1·28	8615	6952				11168
4176	103 37 51·80	50·35	1	−13·66							
4177	122 50 24·36	51·16	2	−13·68	+ 0·29	8639	6957				11155
4178	108 6 43·42	51·10	2	−13·70							
4179	96 3 32·05	50·35	1	−13·72							
4180	95 18 22·36	50·68	1	−13·72							
4181	129 6 31·38	51·01	2	−13·73	+ 4·10	8644	6961				11166
4182	117 27 49·99	51·67	2	−13·73	+ 0·37	8652					11165
4183	104 6 47·20	50·67	1	−13·73							
4184	149 31 10·35	52·47	3	−13·73	+ 1·04	8634	6960				11170
4185	129 12 45·95	51·02	2	−13·76	+ 1·03	8653	6962				11171

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				h m s			s	s
4186	7293	6	Octantis - - -	20 53 31·73	52·75	2	+6·403	+2·40*
4187	7295	7·6	Rumker 533 - - -	20 53 47·51	52·20	2	+4·170	−0·20
4188	7296	7	Piazzi XX–423 - -	20 53 48·73	52·23	2	+3·282	
4189	7298	5·4	Indi - - - μ	20 54 10·22	52·67	2	+4·471	−0·13
4190	7300	7	Piazzi XX–425 - -	20 54 29·05	52·63	2	+3·536	−0·13
4191	7303	7	Piazzi XX–428 - -	20 54 53·53	52·09	2	+3·386	
4192	7304	6·7	Taylor 9734 - - -	20 55 38·01	52·46	3	+4·779	−0·37
4193	7305	5	22 Capricorni - - η	20 55 51·70	52·49	4	+3·429	+0·09
4194	7307	5	Cape 1840 Cat., No. 2668	20 56 0·82	52·64	2	+5·090	+0·28
4195	7308	6	Octantis - - -	20 56 7·02	52·75	2	+6·243	+0·29
4196	7309	5·6	12 Aquarii - - -	20 56 8·41	52·13	2	+3·179	
4197	7312	7·8	Piazzi XX–443 - -	20 56 25·87	52·49	1	+3·378	
4198	7314	6	Microscopii - - η	20 56 38·97	52·66	2	+3·934	−0·16
4199	7315	7·6	Taylor 9746 - - -	20 56 53·01	52·77	2	+4·429	+0·06
4200	7316	6	Microscopii - - δ	20 56 57·05	52·72	2	+3·640	−0·04
4201	7319	6	2 Piscis Aust. - -	20 57 13·69	52·69	2	+3·690	−0·19
4202	7321	7·6	Taylor 9756 - - -	20 57 30·21	52·70	2	+4·191	−0·21
4203	7322	4	23 Capricorni - - θ	20 57 30·64	52·01	3	+3·378	−0·11
4204	7323	6·7	Taylor 9758 - - -	20 57 39·61	52·75	2	+4·059	+0·14
4205	7325	7	Bradley 2736 - -	20 58 8·64	51·72	1	+3·432	
4206	7328	5·6	24 Capricorni - - A	20 58 20·74	52·81	2	+3·527	−0·01
4207	7327	7	Microscopii - - -	20 58 20				
4208	7329	6	Taylor 9765 - - -	20 58 45				
4209	7330	7	Piazzi XX–462 - -	20 58 59·47	52·48	1	+3·410	
4210	7331	5	Pavonis - - o	20 59 10·53	52·75	2	+5·785	+0·08
4211	7334	7	Piazzi XX–470 - -	20 59 46·47	52·30	3	+3·173	
4212	7335	5·6	25 Capricorni - - χ	20 59 57·74	52·63	1	+3·449	
4213	7336	5·6	61 Cygni - - -	21 0 10·36	51·79	1	+2·332	
4214	7337	6	Bradley 2745 - -	21 0 12·19	51·79	1	+2·332	
4215	7338	7	Taylor 9782 - - -	21 0 16·64	52·57	2	+3·982	−0·11
4216	7339	6·7	Taylor 9781 - - -	21 0 21·78	52·74	2	+4·531	+0·16
4217	7340	7	Capricorni - - -	21 0 29·58	52·70	2	+3·495	−0·02
4218	7341	7	Rumker 536 - -	21 0 41·38	52·73	2	+4·319	−0·16
4219	7342	7·8	26 Capricorni - - -	21 0 42·36	52·75	2	+3·429	
4220	7343	6	27 Capricorni - - -	21 0 58·08	52·53	2	+3·435	
4221	7344	4·5	13 Aquarii - - ν	21 1 25·23	51·92	4	+3·270	−0·01
4222	7346	6·7	Cape 1840 Cat., No. 2680	21 1 44·69	50·56	1	+6·822	+0·43
4223	7347	7	Capricorni - - -	21 1 51				
4224	7348	7·6	Rumker 537 - -	21 2 34				
4225	7349	6·7	Taylor 9802 - - -	21 2 34·71	52·53	2	+3·879	+0·05
4226	7352	7	Piazzi XXI–7 - -	21 3 23·69	52·55	1	+3·322	
4227	7353	5·6	Piazzi XXI–2 - -	21 3 26·61	52·62	2	+3·853	−0·01
4228	7355	6·7	Taylor 9812 - - -	21 3 47·31	52·71	2	+4·652	+0·14
4229	7357	6·5	3 Piscis Aust. - -	21 4 23·16	51·72	2	+3·568	−0·09
4230	7358	6	Taylor 9817 - - -	21 4 23·59	52·67	2	+4·569	−0·12

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4186	163 45 12·21	50·62	2	−13·77	+ 9·20*	8625					11185
4187	138 32 53·97	50·62	2	−13·79	+ 1·19	8650					11176
4188	102 16 48·33	50·43	1	−13·79							
4189	145 18 54·15	51·08	2	−13·82	+ 3·09	8648	6964				11183
4190	115 39 43·12	51·05	2	−13·84	+ 0·67	8661					11180
4191	108 3 24·67	50·56	1	−13·86							
4192	150 35 10·15	50·39	2	−13·91	− 0·29	8656	6965				11192
4193	110 26 39·89	50·57	1	−13·92	− 0·02			348	527		11187
4194	154 31 29·94	51·17	2	−13·93	+ 0·56	8654	6967				11195
4195	163 8 35·87	51·13	2	−13·94	+ 2·50	8637					11205
4196	96 24 50·84	50·40	2	−13·94							
4197	107 45 24·26	50·44	2	−13·96							
4198	131 58 48·70	51·18	2	−13·97	− 1·09	8675	6970				11196
4199	144 48 34·27	51·12	2	−13·99	+ 3·53	8670	6971				11203
4200	120 42 59·96	51·05	2	−13·99	+ 2·25	8683					11198
4201	122 56 13·63	50·90	2	−14·01	+ 1·16	8685	6975				11202
4202	139 32 9·02	51·18	2	−14·03	+ 2·57	8678	6973				11206
4203	107 49 31·94	50·43	2	−14·03	+ 0·47		6976				11204
4204	135 58 35·72	51·16	2	−14·04	+ 1·09	8682	6974				11207
4205	110 46 36·14	50·63	2	−14·07							
4206	115 36 7·08	50·64	2	−14·08	+ 0·97	8689					11214
4207	113 44 52·22	50·52	2	−14·08	− 1·46						11213
4208	150 0 35·89	50·72	2	−14·11	+ 0·69	8680	6978				11222
4209	109 41 5·26	50·66	2	−14·12							
4210	160 43 54·58	50·50	2	−14·13	− 2·86	8668	6977				11230
4211	96 10 31·54	50·69	1	−14·17							
4212	111 47 36·46	50·56	1	−14·18							
4213	51 59									165	
4214	51 59										
4215	133 59 11·08	50·60	2	−14·20	− 0·06	8700	6982				11232
4216	147 7 20·38	51·13	2	−14·20	+ 0·84	8692	6981				11233
4217	114 13 48·74	51·17	2	−14·21	+ 1·00	8704					11231
4218	142 56 46·82	51·12	2	−14·22	+ 0·66	8698					11235
4219	110 47 47·31	50·72	2	−14·23							
4220	111 9 18·28	51·19	2	−14·24							
4221	101 58 31·49	50·69	1	−14·27	+ 0·13			349	528		11238
4222	165 57 39·98	50·68	2	−14·30	+ 1·55	8671	6983				11245
4223	113 5 4·26	50·53	3	−14·31	+ 0·88	8716					11240
4224	145 35 55·36	50·69	2	−14·34	+ 4·11	8709					11244
4225	130 52 11·61	50·67	2	−14·34	+ 5·38*	8715	6986				11243
4226	105 4 56·67	50·67	1	−14·39							
4227	130 1 52·97	51·03	2	−14·39	+ 4·24	8719	6987				11249
4228	149 32 29·68	50·90	3	−14·41	+ 1·75	8714	6990				11255
4229	118 13 38·95	51·65	1	−14·45	+ 1·74	8731					11256
4230	148 14 48·65	50·46	2	−14·45	+ 1·25	8718	6989				11259

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				h m s			s	s
4231	7359	7	Capricorni - - -	21 4 33·81	52·48	2	+ 3·512	−0·11
4232	7360	6·7	Taylor 9819 - -	21 5 1·57	52·61	2	+ 4·338	−0·40
4233	7362	7	Piazzi XXI–18 - -	21 5 24·19	52·13	2	+ 3·459	−0·06
4234	7364	5·6	Pavonis - - -	21 5 31·28	52·66	2	+ 5·076	−0·10
4235	7366	7	Capricorni - - -	21 5 57·57	52·03	2	+ 3·530	+0·06
4236	7367	7	Piazzi XXI–27 - -	21 6 26·98	52·57	2	+ 3·450	
4237	7369	6·7	Indi - - - -	21 6 47				
4238	7370	7	Piazzi XXI–34 - -	21 6 56·14	52·47	1	+ 3·195	
4239	7371	6	28 Capricorni - - ϕ	21 7 5·34	52·48	2	+ 3·427	
4240	7374	6	29 Capricorni - - -	21 7 26·34	51·96	9	+ 3·329	0·00
4241	7375	6·7	Taylor 9843 - -	21 7 38·10	52·58	2	+ 4·134	−0·17
4242		6·7	Aquarii - - -	21 7 45·48	52·68	1	+ 3·228	
4243	7376	6	Cape 1840 Cat., No. 2687	21 8 1				
4244	7378	7·8	Piazzi XXI–41 - -	21 8 9·07	52·69	2	+ 3·417	
4245	7379	7	14 Aquarii - - -	21 8 14·31	52·71	2	+ 3·229	
4246	7382	7	Piazzi XXI–45 - -	21 8 26·20	52·71	2	+ 3·228	
4247	7384	7·6	Octantis - - -	21 8 49				
4248	7386	5	4 Piscis Aust. - -	21 8 49·87	52·58	2	+ 3·656	−0·15
4249	7388	5	Indi - - - θ	21 9 8·49	52·72	2	+ 4·322	+0·19
4250	7389	7·6	Taylor 9860 - -	21 9 15·54	52·67	2	+ 4·066	−0·08
4251	7390	6	30 Capricorni - - -	21 9 32·01	52·59	2	+ 3·375	
4252	7391	6·7	31 Capricorni - - -	21 9 51·84	52·60	2	+ 3·366	
4253	7392	7	Piazzi XXI–57 - -	21 9 55·41	52·69	2	+ 3·417	
4254	7394	6·7	15 Aquarii - - -	21 10 18·82	52·58	2	+ 3·152	
4255	7395	6·5	Cape 1840 Cat., No. 2691	21 10 53				
4256	7396	7	Piazzi XXI–66 - -	21 10 54·87	52·47	1	+ 3·342	
4257	7397	5	Microscopii - - θ^1	21 11 8·96	52·71	1	+ 3·864	−0·05
4258	7400	7·8	Piazzi XXI–75 - -	21 12 31·23	52·48	2	+ 3·421	
4259	7404	6	16 Aquarii - - -	21 13 12·28	52·13	2	+ 3·152	
4260	7403	7·6	Octantis - - -	21 13 13·02	51·51	1	+ 8·495	−0·01
4261	7406	6	Taylor 9894 - -	21 13 40·45	52·52	2	+ 4·485	+0·19
4262	7407	4·5	32 Capricorni - - ι	21 13 53·32	52·27	6	+ 3·350	0·00
4263	7408	7	Bradley 2773 - -	21 13 55·44	52·19	2	+ 3·226	
4264	7409	4·3	Pavonis - - γ	21 13 57·67	51·38	1	+ 5·065	+0·48
4265	7412	6·7	Taylor 9899 - -	21 14 21·00	52·69	1	+ 4·027	−0·11
4266	7413	6	Piazzi XXI–87 - -	21 14 24·06	52·47	1	+ 3·452	+0·07
4267	7414	6	Microscopii - - θ^2	21 14 50·09	52·67	2	+ 3·855	−0·20
4268	7415	6	17 Aquarii - - -	21 14 53·67	52·49	1	+ 3·225	
4269	7419	7·6	Piazzi XXI–93 - -	21 15 12·56	52·69	2	+ 3·497	+0·08
4270	7420	5	Cape 1840 Cat., No. 2699	21 15 14·53	51·72	1	+ 5·509	+0·13
4271	7422	7·8	Piazzi XXI–96 - -	21 15 31·04	52·13	2	+ 3·503	+0·06
4272	7423	5·6	Indi - - - γ	21 15 31·38	52·73	2	+ 4·341	−0·10
4273	7424	7	Piazzi XXI–97 - -	21 15 32·23	52·70	2	+ 3·451	−0·10
4274	7425	5·6	33 Capricorni - - -	21 15 38·81	52·72	2	+ 3·417	−0·11
4275	7426	7·6	Piazzi XXI–98 - -	21 15 39·94	52·76	2	+ 3·481	+0·01

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4231	115 27 30·19	50·39	2	−14·46	− 0·09	8734					11258
4232	143 52 43·17	51·12	2	−14·49	+ 3·90	8727	6992				11265
4233	112 49 36·43	51·17	2	−14·51	+ 1·13	8740					11264
4234	155 18 1·02	51·08	2	−14·52	+ 1·36	8721	6994				11271
4235	116 31 40·12	50·39	2	−14·55	+ 0·63	8741					11268
4236	112 25 58·25	50·52	1	−14·57							
4237	151 57 26·25	50·53	2	−14·59	+11·07*	8733					11277
4238	97 42 16·83	50·70	1	−14·60							
4239	111 16 16·26	51·12	2	−14·61							
4240	105 47							350	529		11276
4241	139 20 13·86	51·65	2	−14·65	+ 2·83	8743	6999				11282
4242	99 44										
4243	167 9 23·73	50·67	2	−14·67	+ 1·77	8713	6997				11300
4244	110 47 37·46	50·70	2	−14·68							
4245	99 50 10·79	50·43	1	−14·68							
4246	99 46 48·98	50·43	1	−14·69							
4247	173 19 35·52	50·92	3	−14·71	− 1·71	8672	6996				11323
4248	122 47 43·54	51·34	3	−14·72	+ 1·72	8761	7002		530		11290
4249	144 4 23·25	51·12	2	−14·74	+ 3·79	8753	7003				11299
4250	137 40 44·37	51·18	2	−14·74	+ 3·81	8759	7004				11297
4251	108 36 37·20	50·68	1	−14·76							
4252	108 5 16·99	50·68	1	−14·78							
4253	110 57 37·02	50·67	1	−14·78							
4254	95 8										
4255	162 26 4·19	50·68	2	−14·83	+ 1·42	8744	7006				11318
4256	106 48 25·08	50·50	1	−14·84							
4257	131 26 24·79	50·55	1	−14·85	− 1·67	8773	7010				11313
4258	111 27 2·56	51·17	2	−14·93							
4259	95 11 37·76	50·67	1	−14·97							
4260	170 41 11·99	50·52	2	−14·97	+ 0·16	8732	7009				11345
4261	147 53 35·61	50·42	3	−15·00	+ 1·35	8784	7013	352			11331
4262	107 28 13·18	50·58	2	−15·01	− 0·04				532		11330
4263	99 57 41·66	50·40	1	−15·02							
4264	156 2 23·73	50·71	4	−15·02	+ 0·79	8778	7014	353	531	20	11336
4265	137 15 8·40	51·05	2	−15·04	+ 1·01	8788	7015				11334
4266	113 18 21·40	51·12	2	−15·04	+ 0·52	8794					11333
4267	131 38 44·52	51·13	2	−15·07	+ 0·69	8793					11337
4268	99 57 20·87	50·40	1	−15·07							
4269	115 50 25·81	51·16	2	−15·09	+ 0·97	8800					11338
4270	160 8 52·08	50·62	2	−15·10	+ 2·43	8782	7016				11350
4271	116 12 0·85	50·66	1	−15·11	− 0·42	8801					11340
4272	145 18 14·96	50·90	2	−15·11	− 0·76	8792	7017		533		11347
4273	113 23 9·80	51·12	2	−15·11	+ 1·59	8802					11339
4274	111 29 9·67	50·67	2	−15·12	+ 3·19						11343
4275	115 3 39·85	51·16	2	−15·12	+ 1·68	8803					11344

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				h m s			s	s
4276	7427	6	18 Aquarii - - -	21 15 59·38	52·76	2	+3·282	
4277	7429	7	Taylor 9919 - - -	21 16 41·73	52·77	1	+3·998	+0·03
4278	7432	6	Taylor 9922 - - -	21 16 59·58	52·58	1	+3·764	+0·19
4279	7433	6·7	20 Aquarii - - -	21 17 2·40	52·63	2	+3·132	
4280	7434	7	Piazzi XXI–108 - -	21 17 5·61	52·69	2	+3·494	+0·19
4281	7435	6	19 Aquarii - - -	21 17 9·32	52·47	1	+3·230	
4282	7436	6·7	Capricorni - - -	21 17 10				
4283	7439	6	Piazzi XXI–107 - -	21 17 23·21	52·71	2	+3·888	−0·36
4284	7441	7·6	Octantis - - -	21 17 24				
4285	7440	6	21 Aquarii - - -	21 17 27·51	52·71	2	+3·135	
4286	7442	7	Piazzi XXI–111 - -	21 17 27·80	52·49	2	+3·479	−0·19
4287	7443	7·6	Taylor 9931 - - -	21 17 42				
4288	7445	4·5	34 Capricorni - - ζ	21 18 5·69	52·12	2	+3·440	−0·08
4289	7446	6·7	Taylor 9937 - - -	21 18 23·98	52·69	1	+4·279	−0·07
4290	7447	6	35 Capricorni - - -	21 18 44·13	51·71	2	+3·417	
4291	7451	7	Piazzi XXI–126 - -	21 19 30·33	52·24	3	+3·259	
4292	7452	7	Rumker 539 - - -	21 19 40				
4293	7454	6·7	Octantis - - -	21 19 53				
4294	7456	7	Piazzi XXI–130 - -	21 19 56·29	52·52	2	+3·262	
4295	7458	7·6	5 Piscis Aust. - -	21 20 5·38	52·53	2	+3·605	−0·21
4296	7457	7·8	Taylor - - - -	21 20 5				
4297	7459	7·8	Piazzi XXI–134 - -	21 20 6·35	52·67	1	+3·257	
4298	7460	5·6	36 Capricorni - - *b*	21 20 9·94	52·50	2	+3·426	
4299	7463	7	Piazzi XXI–145 - -	21 21 34·17	52·66	2	+3·378	
4300	7464	7·6	Taylor 9965 - - -	21 21 43·15	52·78	2	+4·567	+0·17
4301	7466 / 7467	7	Piazzi XXI–148 - -	21 21 45·50	51·45	1	+3·483	−0·06
4302	7470	7	Piazzi XXI–154 - -	21 22 26·92	52·15	2	+3·297	
4303	7471	6·5	Piazzi XXI–152 - -	21 22 35·06	52·79	2	+3·830	−0·05
4304	7472	6·7	Rumker 541 - -	21 22 52·56	52·79	2	+4·210	+0·04
4305	7473	7·8	Piazzi XXI–158 - -	21 22 59·87	52·79	2	+3·377	
4306	7475	6·7	6 Pisc. Aust. - - -	21 23 9·59	52·80	2	+3·654	−0·30
4307	7478	3	22 Aquarii - - *β*	21 23 39·53	52·44	21	+3·163	+0·03
4308	7479	6	Piazzi XXI–161 - -	21 23 54·28	51·79	2	+3·468	+0·09
4309	7481	4	Octantis - - *ν*	21 24 34				
4310	7485	7	Piazzi XXI–171 - -	21 25 22·70	51·71	2	+3·324	
4311	7486	6	Cape 1840 Cat., No. 2711	21 26 0·48	52·16	2	+4·896	−0·03
4312	7487	6·7	Piazzi XXI–177 - -	21 26 5·43	52·23	2	+3·280	
4313	7490	7	37 Capricorni - - -	21 26 25·19	52·52	2	+3·385	
4314	7491	7	38 Capricorni - - -	21 26 28·47	52·55	2	+3·388	
4315	7492	7	Piazzi XXI–184 - -	21 26 40·61	52·63	2	+3·442	
4316	7498	7	Octantis - - λ	21 27 18				
4317	7499	6·7	Piazzi XXI–190 - -	21 27 27·45	51·65	2	+3·138	
4318	7500	6	72 Cygni - - - -	21 27 28·70	52·47	1	+3·488	−0·06
4319	7502	6·7	7 Piscis Aust. - -	21 27 47·47	52·50	2	+3·621	+0·18
4320	7506	5·6	39 Capricorni - - *ε*	21 28 40·47	52·14	3	+3·371	+0·03

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	° ′ ″			″	″						
4276	103 31 7·03	50·68	1	−15·14							
4277	136 42 22·19	51·14	2	−15·18	+ 4·72	8805	7019				11353
4278	128 28 22·54	50·68	1	−15·19	− 0·10	8808	7020				11356
4279	94 2 16·09	50·69	1	−15·20							
4280	115 52 52·59	50·69	1	−15·20	+ 0·32	8812					11355
4281	100 23 2·75	50·68	1	−15·20							
4282	114 27 53·23	50·55	2	−15·20	+ 1·68	8813					11357
4283	133 11 36·79	51·19	2	−15·22	+ 0·75	8809	7021				11359
4284	164 32 36·35	50·63	2	−15·22	+ 1·35	8786	7018				11362
4285	94 11 47·71	50·53	2	−15·22							
4286	115 7					8814					11358
4287	142 56 55·76	51·28	3	−15·23	+ 1·17	8807	7022				11361
4288	113 3 28·55	50·52	1	−15·26	− 0·34	8815		356	534		11360
4289	144 21 10·84	51·12	2	−15·27	+ 2·78	8811	7024				11364
4290	111 50 30·96	50·62	1	−15·29							
4291	102 18 43·39	51·18	2	−15·34							
4292	142 47 4·70	50·71	2	−15·34	+ 2·12	8819					11369
4293	170 6 11·53	50·64	2	−15·35	+ 0·51	8783	7023				11382
4294	102 34 36·11	50·69	1	−15·36							
4295	121 53 18·99	51·16	2	−15·37	+ 0·35	8825	7030				11370
4296	147 32 15·59	50·69	2	−15·37	+ 1·01	8820	7028				11375
4297	102 12 56·78	50·67	1	−15·37							
4298	112 27 25·90	51·30	3	−15·37							
4299	109 47 58·13	51·01	3	−15·45							
4300	150 21 23·55	50·95	2	−15·46	+ 0·36	8826	7031				11383
4301	115 50 47·56	50·56	2	−15·46	+ 0·70	8832					11379
4302	104 56 40·98	50·47	1	−15·50							
4303	131 50 11·62	51·01	2	−15·51	− 0·42	8833	7036				11384
4304	143 23 43·57	51·07	2	−15·52	+ 2·12	8830					11387
4305	109 53 34·92	51·19	2	−15·53							
4306	124 36 8·45	51·03	2	−15·54	− 1·13	8837	7038				11388
4307	96 13 43·81	50·35	1	−15·57	− 2·07		7040	357	535	117	11389
4308	115 14 58·41	51·02	2	−15·58	+ 0·26	8843					11391
4309	168 2 59·36	50·53	4	−15·62	+ 5·82*	8817	7037				11401
4310	106 51 28·91	51·16	2	−15·66							
4311	155 29 27·71	50·99	2	−15·70	+ 0·55	8842	7043				11403
4312	104 8 49·11	51·19	2	−15·70							
4313	110 44 59·52	51·18	2	−15·72							
4314	110 54 50·44	51·18	2	−15·72							
4315	114 7 7·24	50·60	1	−15·73							
4316	173 24 2·06	50·64	2	−15·78	+ 0·25	8798	7042				11435
4317	94 38 55·15	50·41	1	−15·78							
4318	116 50 15·10	50·99	2	−15·78	− 0·67	8853	7047				11408
4319	123 42 56·55	51·05	2	−15·79	+ 0·26	8855	7048				11412
4320	110 8 9·01	51·08	2	−15·84	− 2·91				536		11417

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				h m s			s	s
4321	7507	7	Piazzi XXI–199 - -	21 28 58·92	52·57	2	+3·354	
4322	7511	7·6	Taylor 10026 - -	21 29 15				
4323	7513	6	Taylor 10032 - -	21 29 43·30	52·55	2	+4·154	−0·02
4324	7514	5·4	23 Aquarii - - ξ	21 29 45·86	52·49	2	+3·193	−0·03
4325	7515	6·7	B. F. 2941 - - -	21 29 51·41	52·12	2	+3·086	
4326	7516	6·5	Taylor 10035 - -	21 29 56·54	52·52	2	+4·297	−0·09
4327	7517	7	Piazzi XXI–212 - -	21 30 0·15	51·72	1	+3·298	
4328	7523	7	Capricorni - - -	21 30 21				
4329	7525	4·3	40 Capricorni - - γ	21 31 46·58	51·79	3	+3·322	−0·16
4330	7526	6·7	24 Aquarii - - -	21 31 47·39	51·63	2	+3·081	
4331	7529	6	Cape 1840 Cat., No. 2717	21 32 3				
4332	7531	7	Indi - - - -	21 32 49·99	51·62	1	+4·629	+0·01
4333	7532	7·6	Taylor 10060 - -	21 33 0				
4334	7534	6	Taylor 10062 - -	21 33 16				
4335	7535	6	Taylor 10064 - -	21 33 18				
4336	7536	7	Piazzi XXI–233 - -	21 33 22·07	52·08	2	+3·369	
4337	7537	6	42 Capricorni - - -	21 33 23·06	52·15	2	+3·280	
4338	7538	7·6	Taylor 10068 - -	21 33 26·94	52·48	2	+3·846	+0·29
4339	7539	6·7	41 Capricorni - - -	21 33 27				
4340	7540	6	Taylor 10065 - -	21 33 29·21	52·62	2	+4·218	−0·01
4341	7541	6	Taylor 10073 - -	21 33 46·19	52·71	2	+4·258	+0·05
4342	7543	5	43 Capricorni - - κ	21 34 16·65	52·67	4	+3·353	
4343	7549	7	Capricorni - - -	21 34 47				
4344	7550	6	Piazzi XXI–243 - -	21 34 49·78	52·73	2	+3·363	
4345	7551	6	44 Capricorni - - -	21 34 52·96	52·12	2	+3·284	
4346	7552	6·7	Rumker 548 - - -	21 34 54				
4347	7556	6	45 Capricorni - - -	21 35 49·25	51·72	1	+3·288	
4348	7557	5·6	9 Piscis Australis - ι	21 35 59·93	52·60	2	+3·595	−0·02
4349	7558	8	Bradley 2829 - -	21 36 4·00	52·57	2	+3·306	
4350	7561	2·3	8 Pegasi - - - ϵ	21 36 49·11	52·53	8	+2·944	−0·06
4351	7562	7·8	Bradley 2833 - -	21 36 55·08	52·11	2	+3·205	
4352	7562	6	46 Capricorni - - c^1	21 37 0·21	52·59	2	+3·205	
4353	7573	5	Indi - - - o	21 38 0·03	52·73	2	+5·241	−0·29
4354	757	6·7	47 Capricorni - - c^2	21 38 15·86	51·70	2	+3·207	
4355	7574	6·5	Indi - - - -	21 38 18·16	52·76	2	+4·764	+0·10
4356	7575	6	Taylor 10107 - -	21 38 22·43	52·77	2	+4·261	+0·18
4357	7577	5·6	48 Capricorni - - λ	21 38 27·34	52·59	2	+3·236	
4358	7578	5·6	Taylor 10109 - -	21 38 28·95	52·74	2	+3·930	+0·20
4359	7579	7	50 Capricorni - - -	21 38 36·70	52·25	2	+3·240	
4360	7580	3	49 Capricorni - - δ	21 38 45·37	52·13	11	+3·304	−0·02
4361	7581	7·6	Taylor 10115 - -	21 38 48·59	52·71	2	+3·943	+0·07
4362	7583	5·6	10 Piscis Australis - θ	21 38 55·35	52·59	2	+3·545	0·12
4363		7·8	Indi - - - -	21 39 39				
4364	7591	7·6	Taylor 10126 - -	21 40 4·81	52·46	2	+3·901	−0·01
4365	7592	7	Taylor 10127 - -	21 40 17·05	52·59	2	+3·933	−0·08

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4321	109 6 23·46	51·11	2	−15·86							
4322	148 6 45·81	50·59	2	−15·87	+ 1·28	8856	7049				11423
4323	143 1 57·90	51·05	2	−15·90	+ 0·58	8859	7052				11427
4324	98 31 27·64	50·35	1	−15·90	− 0·56		7055	358	537		11421
4325	91 3 37·55	50·37	1	−15·90							
4326	146 24 45·61	51·01	2	−15·91	+ 0·82	8858	7054				11429
4327	105 34 58·91	51·15	2	−15·91							
4328	115 7 16·81	50·92	3	−15·93	+ 2·08	8875					11430
4329	107 20 13·53	51·16	2	−16·01	− 0·53			359	538		11441
4330	90 43 35·95	50·40	1	−16·01							
4331	161 41 24·96	50·60	2	−16·02	− 0·37	8860	7057				11447
4332	152 47 40·69	50·63	3	−16·06	+ 0·76	8872	7060				11452
4333	148 2 49·28	50·64	2	−16·07	+ 2·57	8876	7061				11455
4334	148 0 15·71	50·64	2	−16·08	+ 2·24	8877	7064				11457
4335	147 57 44·81	50·64	2	−16·09	+ 1·82	8878	7065				11458
4336	110 29 6·96	51·16	2	−16·09							
4337	104 42 51·13	50·52	1	−16·09							
4338	134 10 27·63	51·15	2	−16·09	+ 0·57	8886	7068				11456
4339	113 56 17·80	51·10	2	−16·09	+ 1·22	8893			539		11454
4340	145 10 51·17	51·13	2	−16·09	+ 1·19	8881	7067				11461
4341	146 9 15·24	50·85	3	−16·11	+ 1·63	8884	7069				11463
4342	109 32 48·98	51·06	2	−16·14					540		
4343	114 49 23·82	50·70	2	−16·16	+ 0·24	8898					11464
4344	110 18 9·64	50·56	1	−16·16							
4345	105 4 58·39	50·53	1	−16·17							
4346	153 14 1·31	51·05	4	−16·17	+ 1·33	8888	7070				11467
4347	105 26 2·84	51·06	2	−16·22							
4348	123 42 24·99	50·90	2	−16·23	+ 0·16	8901	7074		541		11472
4349	106 39 15·17	51·17	2	−16·23							
4350	80 48									138	11474
4351	99 43 24·42	50·66	1	−16·27							
4352	99 46 7·50	50·66	1	−16·28							
4353	160 19 21·52	51·30	3	−16·33	+ 0·74	8899	7077				11488
4354	99 57 54·15	50·69	1	−16·34							
4355	155 24 17·68	50·48	2	−16·34	− 3·22	8903	7078				11489
4356	146 57					8908	7079				11487
4357	102 3 17·73	50·52	1	−16·35							
4358	137 58 56·59	51·07	2	−16·35	+ 8·16*	8912	7080				11486
4359	102 22 55·37	50·73	1	−16·36							
4360	106 48 19·44	50·62	1	−16·37	+ 0·08			364	542		11484
4361	138 28 3·50	51·04	2	−16·37	+ 0·08	8914	7081				11492
4362	121 35 22·09	51·17	2	−16·37	+ 0·42	8917	7082		543		11490
4363	148 59 43·90	50·68	3	−16·41							
4364	137 18 12·50	51·15	2	−16·43	+ 2·43	8921	7083				11496
4365	138 25 10·97	51·04	2	−16·44	+ 0·79	8922	7084				11497

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				h m s			s	s
4366	7594	7·6	Rumker 551 - - -	21 40 57				
4367	7596	7	Piazzi XXI–290 - -	21 41 10·19	51·62	1	+3·152	
4368	7599	7	Piazzi XXI–291 - -	21 41 34·35	51·77	2	+3·252	
4369	7600	7·6	Taylor 10135 - -	21 41 34·67	52·47	2	+4·169	+0·40
4370	7601	7	Piazzi XXI–294 - -	21 41 57·61	51·84	2	+3·310	
4371	7603	6	Cape 1840 Cat., No. 2731	21 42 39·91	52·08	2	+5·238	+0·09
4372	7604	6	Cape 1840 Cat., No. 2732	21 42 47·71	52·08	2	+5·230	−0·11
4373	7608	7	Piazzi XXI–303 - -	21 43 21·49	52·12	2	+3·334	
4374	7609	5·6	Indi - - - -	21 44 4				
4375	7613	3	Gruis - - - γ	21 44 49·88	52·47	2	+3·653	−0·04
4376	7616	7	Piazzi XXI–314 - -	21 44 55·47	51·67	2	+3·132	
4377	7617	7	B. F. 2986 - - -	21 44 58·59	52·46	1	+3·219	
4378	7618	5·6	51 Capricorni - - μ	21 45 6·84	51·86	9	+3·259	−0·06
4379	7620	6	B. F. 2988 - - -	21 45 34·65	51·78	1	+3·215	
4380	7622	5·6	Indi - - - π	21 45 39				
4381	7624	7·6	Cape 1840 Cat., No. 2735	21 45 52				
4382	7625	6	Octantis - - -	21 45 58·00	52·70	2	+6·658	+0·30
4383	7626	6	Taylor 10164 - -	21 46 1·18	52·50	2	+4·056	−0·02
4384	7628	6·7	Piazzi XXI–320 - -	21 46 20·19	51·82	2	+3·135	
4385	7630	7·8	Piazzi XXI–323 - -	21 46 49·70	52·48	2	+3·281	
4386	7632	6	Piazzi XXI–324 - -	21 47 20·17	52·54	2	+3·641	−0·08
4387	7633	4	Indi - - - δ	21 47 40·47	52·57	2	+4·141	+0·02
4388	7634	6	Indi - - - κ^1	21 47 50·93	52·48	2	+4·319	+0·10
4389	7635	6	Piazzi XXI–326 - -	21 47 58				
4390	7638	6·5	Cape 1840 Cat., No. 2739	21 48 10·87	51·38	1	+6·181	+0·46
4391	7639	7·8	Piazzi XXI–332 - -	21 48 29·79	51·76	2	+3·315	
4392	7640	7·8	Piazzi XXI–338 - -	21 49 37·17	51·62	2	+3·275	
4393	7645	6·5	Taylor 10190 - -	21 50 7·62	52·46	2	+4·159	+0·06
4394	7647	5·6	Piazzi XXI–340 - -	21 50 12·67	52·53	1	+3·654	+0·13
4395	7648	7	Piazzi XXI–344 - -	21 50 18·92	51·75	2	+3·241	
4396	7650	6·7	Bradley 2870 - -	21 50 21·40	51·52	3	+3·148	
4397	7649	6·7	Piazzi XXI–343 - -	21 50 21·51	51·82	2	+3·359	
4398	7652	7	Aquarii - - -	21 50 51·12	52·57	2	+3·382	+0·26
4399	7653	7	11 Piscis Australis - -	21 50 58·27	52·55	2	+3·456	+0·07
4400	7655	7·6	Taylor 10199 - -	21 51 36				
4401	7656	4	Indi - - - ϵ	21 51 51·67	52·53	1	+4·179	+0·15
4402	7657	6·5	12 Piscis Australis - η	21 52 12·53	52·54	2	+3·466	−0·04
4403	7660	6	28 Aquarii - - -	21 53 24·29	51·57	3	+3·072	
4404	7661	6·7	Taylor 10210 - -	21 53 25				
4405	7665	7	Piazzi XXI–361 - -	21 53 56·08	51·77	3	+3·306	
4406	7666	6	29 Aquarii - - -	21 54 13·47	52·15	2	+3·293	
4407	7667	7	Rumker 555 - - -	21 54 22				
4408		7	Piazzi XXI–366 - -	21 54 35·96	52·45	1	+3·484	+0·02
4409	7669	6	Indi - - - κ^2	21 55 16·11	52·60	2	+4·287	+0·18
4410	7670	5·6	30 Aquarii - - -	21 55 22·90	52·48	2	+3·159	

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4366	152 44 47·53	50·95	3	−16·47	+ 1·53	8920	7085				11503
4367	96 5 48·25	50·69	1	−16·49							
4368	103 25 10·09	50·67	1	−16·51							
4369	145 20 52·91	51·12	2	−16·51	+ 2·95	8928	7087				11506
4370	107 32 28·38	51·18	2	−16·53							
4371	160 48 57·72	50·52	3	−16·56	+ 3·38		7088				11517
4372	160 46 9·22	50·52	3	−16·57	+ 3·04	8925	7089				11518
4373	109 19 8·49	51·07	2	−16·60							
4374	152 35 12·22	50·71	2	−16·63	+ 2·67	8939	7091				11526
4375	128 4 2·33	51·62	2	−16·67	+ 0·27	8951	7094	365	544	72	11527
4376	94 41 41·13	50·70	1	−16·67							
4377	101 15 48·56	51·04	2	−16·67							
4378	104 15 18·58	50·38	1	−16·68	+ 0·47				545		11528
4379	101 0 54·86	51·09	2	−16·70							
4380	148 36 22·58	51·16	2	−16·71	+ 0·48	8950	7095				11531
4381	152 33 7·39	50·71	2	−16·72	+ 0·94	8949	7096				11533
4382	168 22 30·64	51·10	2	−16·72	− 0·81	8927	7093				11542
4383	143 10 7·22	51·27	3	−16·73	+ 1·88	8953	7097				11532
4384	94 58 36·98	50·69	1	−16·74							
4385	105 57 46·92	50·67	1	−16·76							
4386	127 57 40·85	51·03	2	−16·79	+ 1·43	8964	7099				11541
4387	145 42 7·86	51·17	2	−16·80	+ 0·77	8962	7100		546		11544
4388	149 43 26·28	50·97	3	−16·81	− 0·68	8959	7101				11549
4389	128 27 23·53	50·78	4	−16·82	0·00	8966	7103				11546
4390	166 49 51·12	50·66	2	−16·82	+ 2·14	8946	7098				11557
4391	108 36 24·71	50·69	1	−16·84							
4392	105 50 3·86	50·67	1	−16·90							
4393	146 35 52·17	51·24	3	−16·92	+ 0·87	8973	7106				11563
4394	129 6 30·92	51·12	2	−16·93	+ 1·08	8976	7108				11561
4395	103 22 47·84	50·69	1	−16·93							
4396	96 8 0·78	50·70	1	−16·93							
4397	111 53 46·73	50·68	1	−16·93							
4398	113 35 12·14	51·36	4	−16·95	+ 0·51	8984					11566
4399	118 20					8983					11568
4400	143 47 23·79	50·68	2	−16·99	+13·88*	8979	7111				11573
4401	147 23					8975	7110				11576
4402	119 10 14·21	51·07	2	−17·02	+ 0·54		7112				11575
4403	90 6 45·11	50·47	1	−17·07							
4404	146 41 38·17	50·95	3	−17·07	+ 3·20	8992	7114				11581
4405	108 37 15·94	50·55	2	−17·10							
4406	107 41 4·38	50·41	1	−17·11							
4407	147 1 16·44	50·67	2	−17·12	+ 0·08	8997					11588
4408	120 37					9004					11587
4409	150 21 28·86	51·16	2	−17·16	+ 3·39	9001	7117				11594
4410	97 14 40·56	50·69	1	−17·16							

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				h m s			s	s
4411	7671	5	Cape 1840 Cat., No. 2745	21 55 28·07	52·75	2	+5·079	+0·34
4412	7672	5	31 Aquarii - - *o*	21 55 33·23	51·76	2	+3·105	−0·07
4413	7673	6·7	13 Piscis Australis - -	21 55 44·28	52·52	1	+3·479	−0·02
4414	7675	6	Piazzi XXI–378 - -	21 56 4·26	52·69	2	+3·430	+0·03
4415	7680	8	Bradley 2886 - -	21 56 44·89	52·71	2	+3·137	
4416	7682	6	Cape 1840 Cat., No. 2746	21 56 54·40	52·76	2	+5·130	+0·32
4417	7684	4·5	Gruis - - - λ	21 57 3·32	52·77	2	+3·649	+0·09
4418	7685	5·6	32 Aquarii - - -	21 57 4·30	51·58	2	+3·090	
4419	7687	7·6	Octantis - - -	21 57 33				
4420	7688	3	34 Aquarii - - *α*	21 58 4·68	52·47	16	+3·083	+0·05
4421	7690	7	Bradley 2888 - -	21 58 12·87	51·77	2	+3·143	
4422	7691	4·5	33 Aquarii - - *ι*	21 58 19·89	52·13	13	+3·247	+0·19
4423	7692	2	Gruis - - - *α*	21 58 45·35	52·08	16	+3·812	−0·08
4424	7694	7	Piazzi XXI–397 - -	21 58 53·29	52·76	2	+3·356	−0·15
4425	7697	6·7	B. F. 3014 - - -	21 59 18·37	52·78	2	+3·203	
4426	7701	6·5	14 Piscis Australis - *μ*	21 59 37·05	52·79	2	+3·518	+0·21
4427	7702	6·5	Taylor 10257 - -	21 59 38·33	51·92	3	+3·536	+0·14.
4428	7703	7·8	B. F. 3015 - - -	21 59 47·44	52·75	2	+3·198	
4429	7704	7·8	Bradley 2896 - -	21 59 49·81	52·26	2	+3·148	
4430	7709	7·8	B. F. 3020 - - -	22 0 41·84	51·63	2	+3·237	
4431	7710	7·6	Taylor 10267 - -	22 0 44				
4432	7711	5·6	35 Aquarii - - -	22 0 44·98	51·82	2	+3·303	
4433		6	Piscis Australis - -	22 1 9·22	52·73	1	+3·531	0·00
4434	7714	5·6	15 Piscis Australis - -	22 1 20·75	52·48	2	+3·505	+0·78*
4435	7715	7·6	Taylor 10276 - -	22 1 26·36	52·46	2	+3·438	−0·11
4436	7716	7	36 Aquarii - - -	22 1 30·71	51·54	1	+3·174	
4437	7717	7·8	Bradley 2904 - -	22 1 34·61	51·80	2	+3·167	
4438	7719	6	37 Aquarii - - e^1	22 2 31·58	52·15	2	+3·205	
4439	7720	7	Bradley 2912 - -	22 2 32·85	52·12	2	+3·124	
4440	7722	6	38 Aquarii - - e^2	22 2 36·11	52·53	1	+3·214	
4441	7724	7	Piazzi XXI–419 - -	22 2 42·60	52·54	2	+3·335	
4442	7726	6·7	Bradley 2913 - -	22 2 44·37	52·21	2	+3·128	
4443	7725	6	Octantis - - ϵ	22 2 51				
4444	7728	7	Taylor 10283 - -	22 2 53·01	52·62	2	+4·065	+0·23
4445	7729	7	Taylor 10288 - -	22 2 56·67	52·46	2	+3·417	−0·06
4446	7730	6	Cape 1840 Cat., No. 2757	22 3 1				
4447	7734	7	Rumker 558 - - -	22 3 29·66	52·70	2	+3·840	+0·06
4448	7739	7	Taylor 10295 - -	22 4 7·24	52·47	2	+3·412	−0·04
4449	7740	7	Bradley 2918 - -	22 4 16·81	51·43	2	+3·206	
4450	7741	7	39 Aquarii - - -	22 4 20·29	52·16	2	+3·243	
4451	7744	7	Bradley 2920 - -	22 4 55·17	51·80	2	+3·132	
4452	7745	6	Piazzi XXII–19 - -	22 5 18·23	52·53	2	+3·382	+0·06
4453	7747	7	40 Aquarii - - -	22 5 24·90	52·17	2	+3·215	
4454	7748	6·7	Piazzi XXII–18 - -	22 5 27·86	52·70	3	+3·649	−0·24
4455	7750	6·7	16 Piscis Australis - λ	22 5 47				

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4411	161 0 44·33	51·08	4	−17·17	+ 1·00	8994	7116				11599
4412	92 52 38·79	50·70	1	−17·17	− 0·20			366	547		11592
4413	120 38 24·74	51·15	2	−17·18	+ 2·80	9009	7118				11595
4414	117 32 46·20	51·08	2	−17·19	+ 0·62	9014	7120				11598
4415	95 33 53·51	50·72	1	−17·22							
4416	161 37 58·20	51·14	2	−17·23	+ 1·02	9002	7122				11606
4417	130 15 52·08	51·18	2	−17·24	+ 3·97	9017	7126		548		11603
4418	91 37 45·39	50·69	1	−17·24							
4419	166 50 46·85	50·69	2	−17·26	+ 2·23	8996	7123				11613
4420	91 2 46·84	50·70	1	−17·28	− 0·15		7129	367	550	124	11608
4421	96 4 59·16	50·72	1	−17·29							
4422	104 35 42·61	50·67	1	−17·30	− 0·95			368	551		11609
4423	137 41					9021	7130	369	552	53	11617
4424	112 58 12·38	50·69	1	−17·32	+ 0·77	9026					11614
4425	101 10 33·35	51·10	2	−17·34							
4426	123 43 4·69	51·16	2	−17·35	+ 1·16	9029	7131				11623
4427	124 46 21·65	51·13	2	−17·35	+ 0·94	9030					11624
4428	100 48 28·47	50·72	1	−17·36							
4429	96 33 33·62	50·53	1	−17·36							
4430	104 1 54·03	51·06	2	−17·40							
4431	146 11 5·99	50·69	2	−17·40	+ 1·13	9031	7133				11631
4432	109 15 4·27	50·68	1	−17·40							
4433	124 44					9036					11632
4434	123 16 57·57	51·19	2	−17·43	− 0·09	9037	7135				11633
4435	119 1 37·08	51·20	2	−17·43	− 0·10	9040	7136				11634
4436	98 55 15·38	50·70	1	−17·43							
4437	98 15 46·27	50·71	1	−17·44							
4438	101 33 22·61	50·72	1	−17·48							
4439	94 37 35·88	50·43	1	−17·48							
4440	102 18										
4441	111 58 0·44	50·67	1	−17·49							
4442	95 0 8·44	50·75	1	−17·49							
4443	171 10 53·87	50·70	2	−17·49	− 0·79	9010	7134				11653
4444	146 40 54·97	51·15	2	−17·49	+ 0·98	9044	7139				11644
4445	117 53 12·94	51·23	2	−17·50	+ 2·53	9050	7140				11640
4446	168 15 14·10	51·02	3	−17·50	+ 0·14	9022	7137				11651
4447	139 47 30·18	51·11	2	−17·52	+ 1·51	9048					11646
4448	117 49 20·62	50·60	2	−17·55	+ 0·43	9056	7141				11648
4449	101 48 12·86	50·46	1	−17·55							
4450	104 55 49·50	50·54	1	−17·56							
4451	95 27 28·73	50·41	1	−17·58							
4452	115 55 16·79	51·06	2	−17·60	+ 1·22	9063	7142				11654
4453	102 39 54·71	50·66	1	−17·60							
4454	132 5 24·94	51·15	4	−16·60	+ 0·22	9061	7144		553		11656
4455	118 30 28·96	50·72	3	−17·62	+ 1·22	9065	7145				11657

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				h m s			s	s
4456	7751	6	41 Aquarii - - -	22 6 0·46	52·46	1	+3·326	
4457	7752	7	Bradley 2924 - -	22 6 2·47	51·61	1	+3·129	
4458	7756	5	Gruis - - - μ^1	22 6 33·72	52·69	2	+3·644	−0·10
4459	7762	7·8	Piazzi XXII–35 - -	22 7 21·63	51·67	2	+3·141	
4460	7763	6	Gruis - - - μ^2	22 7 23·61	52·69	2	+3·646	+0·03
4461	7764	6·7	Taylor 10322 - -	22 7 24·89	52·72	2	+3·974	−0·09
4462	7767	3	Toucani - - α	22 8 10·53	52·50	2	+4·202	+0·02
4463	7768	6	Piazzi XXII–37 - -	22 8 11·41	52·46	1	+3·385	−0·15
4464	7769	5·6	Gruis - - - -	22 8 23·75	52·70	1	+3·943	+1·03*
4465	7771	6	42 Aquarii - - -	22 8 45·81	52·49	1	+3·221	
4466	7772	7	Piazzi XXII–43 - -	22 8 49·91	52·52	2	+3·096	
4467	7773	4·5	43 Aquarii - - θ	22 8 54·93	51·63	6	+3·164	−0·02
4468	7774	6	Bradley 2930 - -	22 8 57·22	52·26	2	+3·178	
4469	7776	6	44 Aquarii - - -	22 9 16·33	52·49	2	+3·137	
4470	7780	6·5	Cape 1840 Cat., No. 2765	22 10 34				
4471	7781	6	45 Aquarii - - -	22 10 57·44	52·14	2	+3·224	
4472		8	Aquarii - - -	22 11 15·39	51·68	1	+3·163	
4473	7783	6·5	Indi - - - ν	22 11 37·87	52·72	1	+5·060	+0·07
4474	7784	5·6	46 Aquarii - - ρ	22 12 18·13	51·67	3	+3·162	
4475	7785	6	Cape 1840 Cat., No. 2767	22 12 40·63	52·49	2	+5·450	+0·19
4476	7790	5·6	47 Aquarii - - -	22 13 19·75	51·83	2	+3·137	−0·20
4477	7791	5	Cape 1840 Cat., No. 2769	22 13 20·90	52·48	1	+4·832	+0·45
4478	7793	7	Piazzi XXII–68 - -	22 13 32·49	51·79	2	+3·144	
4479	7792	6·7	Taylor 10359 - -	22 13 32·50	52·49	2	+3·706	−0·02
4480	7794	6	Gruis - - - π	22 13 53·72	52·47	2	+3·704	+0·53*
4481	7795	4·3	48 Aquarii - - γ	22 13 54·30	52·11	2	+3·093	+0·10
4482	7797	7	Rumker 563 - - -	22 14 11				
4483	7801	5	Taylor 10371 - -	22 14 56·16	52·67	1	+4·038	+0·22
4484	7802	6·7	49 Aquarii - - -	22 15 8·82	52·46	1	+3·353	+0·08
4485	7804	7	Piazzi XXII–81 - -	22 15 39·82	51·51	3	+3·153	
4486	7805	6	51 Aquarii - - -	22 16 18·03	51·86	1	+3·128	
4487	7806	6	50 Aquarii - - -	22 16 24·65	51·83	2	+3·219	−0·08
4488	7808	4·5	Toucani - - δ	22 16 36·30	52·09	2	+4·364	−0·04
4489	7809	7	Piazzi XXII–89 - -	22 16 51·56	52·11	2	+3·090	
4490	7811	7·6	Taylor 10386 - -	22 17 25·87	52·48	2	+4·024	+0·04
4491	7817	6	Piazzi XXII–91 - -	22 17 52·59	51·81	2	+3·333	−0·13
4492	7818	6·7	Bradley 2953 - -	22 18 25·01	51·76	2	+3·251	
4493	7819	6·7	53 Aquarii - - -	22 18 25·70	51·76	2	+3·251	
4494	7821	7·8	54 Aquarii - - -	22 18 43·37	51·54	2	+3·192	
4495	7822	6	Toucani - - -	22 18 51·15	52·53	1	+4·094	−0·09
4496		7	Taylor 10401 - -	22 19 24·66	52·48	1	+3·546	−0·07
4497	7826	6	Piazzi XXII–102 - -	22 19 50·87	52·48	2	+3·544	−0·24
4498	7828	4	Gruis - - - δ^1	22 20 17·20	52·46	1	+3·620	−0·14
4499	7831	6	Cape 1840 Cat., No. 2781	22 20 54				
4500	7832	4	55 Aquarii - - ζ^1	22 21 6·42	51·67	3	+3·078	−0·04

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

4472. The magnitude is taken from Weisse's Bessel.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4456	111 49 5·24	51·09	2	−17·63							
4457	95 11 31·29	50·49	1	−17·63							
4458	132 5 26·63	51·15	4	−17·65	− 1·27	9069	7146		554		11667
4459	96 19 42·36	50·56	1	−17·68							
4460	132 22 16·45	51·14	2	−17·68	+ 0·59	9075	7148				11669
4461	145 3 53·20	51·14	2	−17·68	+ 2·75	9071	7147				11670
4462	151 0 15·89	50·68	1	−17·72	+ 0·29	9074	7149	374	555	28	11679
4463	116 38 33·83	51·07	2	−17·72	+ 0·53	9080	7150				11676
4464	144 20 46·33	50·56	2	−17·73	+18·97*	9076					11681
4465	103 34 38·02	50·69	1	−17·74							
4466	92 20 29·13	50·71	1	−17·74							
4467	98 31 40·29	50·69	1	−17·75	+ 1·16		7151	376	556		11682
4468	99 47 7·97	50·45	1	−17·75							
4469	96 8 3·70	50·68	1	−17·76							
4470	148 15 34·77	51·21	3	−17·81	+ 0·13	9092					11694
4471	104 3 13·35	51·15	2	−17·83							
4472	98 32										
4473	162 58 51·75	51·23	5	−17·85	+ 0·70	9082	7153				11703
4474	98 34 19·38	50·43	1	−17·88							
4475	165 46 19·79	50·65	2	−17·90	+ 1·45	9090	7154				11709
4476	112 20 53·16	50·45	2	−17·92	+ 0·92				557		11707
4477	161 11 5·34	50·44	2	−17·92	+ 2·25	9099	7157				11713
4478	96 59 43·91	50·69	2	−17·93							
4479	136 42 4·98	51·12	2	−17·93	+ 1·18	9107	7158				11710
4480	136 40 51·82	51·12	2	−17·94	+ 1·24	9108	7159				11712
4481	92 8 29·08	50·53	1	−17·95	− 0·25		7160	378	558		11711
4482	137 25 26·76	50·70	3	−17·96	+ 0·63	9110					11714
4483	148 32 24·29	50·98	2	−17·98	+ 9·01*	9112	7161				11719
4484	115 31 6·94	51·14	2	−17·99	+ 0·28	9116	7162				11718
4485	97 57 3·47	50·68	1	−18·01							
4486	95 35 39·32	50·45	1	−18·04							
4487	104 17 14·56	51·09	2	−18·04	+ 2·89						11727
4488	155 43 36·11	50·98	2	−18·05	− 0·23	9114	7163		559		11731
4489	91 56 47·69	50·49	1	−18·06							
4490	148 45 40·66	51·19	3	−18·08	+ 1·00	9125	7165				11735
4491	114 26 34·74	50·55	2	−18·10	− 0·69	9132	7167				11736
4492	107 30 5·51	51·11	4	−18·12							
4493	107 30 10·90	51·31	3	−18·12							
4494	101 59 19·11	51·18	2	−18·13							
4495	150 49 1·90	51·20	3	−18·13	− 0·85	9129					11740
4496	129 51 5·96	51·10	2	−18·16	− 0·19		7169				11743
4497	129 53 18·91	51·10	2	−18·17	+ 4·61*	9136	7171				11744
4498	134 15 35·15	51·10	2	−18·19	− 0·54	9138	7172		560		11745
4499	169 32 25·85	50·69	2	−18·21	+ 2·29	9122	7170				11764
4500	90 47 8·40	50·47	1	−18·22	− 0·93			381	562		11750

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4501	7832	5·6	55 Aquarii - - ζ^2	22 21 6·44	51·62	1	+3·078	+0·22
4502	7835	6·7	Bradley 2961 - -	22 22 0·03	51·78	1	+3·206	
4503	7836	6	56 Aquarii - - -	22 22 14·70	51·76	3	+3·223	0·00
4504	7839	7	Piscis Australis - ζ	22 22 32·91	52·15	2	+3·350	−0·04
4505	7840	5	57 Aquarii - - σ	22 22 42·30	51·92	5	+3·182	+0·05
4506	7841	4	Toucani - - υ	22 22 48·26	52·48	2	+4·139	+0·33
4507	7842	5	17 Piscis Australis - β	22 22 57·76	52·48	1	+3·429	+0·11
4508	7844	7	Taylor 10429 - -	22 23 15·89	52·50	2	+3·600	−0·34
4509	7849	6	58 Aquarii - - -	22 23 43·83	51·74	2	+3·183	+0·03
4510	7852	6	Indi - - - -	22 24 38·57	52·60	2	+4·708	+0·10
4511	7853	7·6	Taylor 10440 - -	22 24 48·49	52·59	2	+3·843	+0·05
4512	7860	6·5	Taylor 10445 - -	22 26 7·75	52·71	1	+3·945	+0·03
4513	7861	7	Piazzi XXII–142 - -	22 26 12·00	51·56	2	+3·168	
4514	7862	6	Taylor 10446 - -	22 26 15·28	52·14	2	+3·761	−0·20
4515	7863	6·7	60 Aquarii - - -	22 26 18·48	51·63	2	+3·092	
4516	7864	5	59 Aquarii - - υ	22 26 29·00	51·79	2	+3·279	−0·10
4517	7865	7	Piazzi XXII–145 - -	22 26 55·43	51·72	2	+3·072	
4518	7866	6	Taylor 10454 - -	22 27 20·90	51·60	2	+3·313	+0·01
4519	7867	7·6	Taylor 10455 - -	22 27 32·48	52·47	1	+3·676	−0·15
4520	7868	4·3	62 Aquarii - - η	22 27 38·78	51·81	2	+3·079	+0·07
4521	7869	6	Gruis - - - σ^1	22 27 42·66	52·51	2	+3·532	−0·03
4522	7870	6·7	61 Aquarii - - -	22 27 43·83	52·57	2	+3·243	
4523	7872	6·5	Piazzi XII–153 - -	22 28 8·14	52·46	2	+3·402	−0·22
4524		8	Taylor 10463 - -	22 28 11				
4525	7873	6	Gruis - - - σ^2	22 28 12				
4526	7877	7	Rumker 569 - -	22 29 2·75	52·59	2	+3·634	+0·17
4527	7883	6	Taylor 10473 - -	22 29 49·96	52·61	2	+3·762	+0·11
4528	7884	6	63 Aquarii - - κ	22 29 59·22	51·57	3	+3·115	
4529	7885	7	Rumker 571 - -	22 30 8·15	52·63	2	+4·365	
4530	7886	5	Octantis - - β	22 30 22				
4531	7887	7	Taylor 10476 - -	22 30 59·11	51·83	2	+3·682	+0·02
4532	7889	5	Taylor 10477 - -	22 31 12·74	52·45	1	+3·885	+0·12
4533	7890	6·7	64 Aquarii - - -	22 31 22·21	51·63	2	+3·167	−0·12
4534	7891	6·7	Taylor 10479 - -	22 31 22·59	51·77	2	+3·351	+0·03
4535		7	Taylor 10480 - -	22 31 25·02	51·77	2	+3·352	−0·06
4536	7892	8·9	Aquarii - - -	22 31 34·55	51·72	2	+3·190	
4537	7895	6	Piazzi XXII–172 - -	22 31 59·35	52·72	2	+3·377	−0·19
4538	7897	7	Piazzi XXII–176 - -	22 32 12·99	52·70	1	+3·160	
4539	7898	5	18 Piscis Australis - ϵ	22 32 21·01	52·70	2	+3·334	−0·02
4540	7899	7·8	Piazzi XXII–178 - -	22 32 22·98	51·73	2	+3·135	
4541	7903	6	Taylor 10498 - -	22 33 39·03	52·60	2	+3·617	−0·04
4542	7904	3	Gruis - - - β	22 33 41·28	52·74	2	+3·610	−0·13
4543	7905	7·6	Taylor 10501 - -	22 33 52·54	52·71	1	+3·562	−0·07
4544	7908	3·4	42 Pegasi - - - ζ	22 33 58·93	52·15	7	+2·984	+0·05
4545	7909	6·7	19 Piscis Australis - -	22 34 0·83	52·07	2	+3·355	−0·07

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No.	Mean N.P D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4501	90 47 11·74	50·47	1	−18·22	− 0·89						11751
4502	103 40 52·74	51·06	2	−18·25							
4503	105 21 2·96	51·10	2	−18·26	+ 0·53						11762
4504	116 50 17·49	51·17	2	−18·27	+ 0·72	9160	7175				11767
4505	101 26								563		11769
4506	152 44 59·72	50·44	2	−18·28	+ 1·43	9153	7174				11774
4507	123 6 47·65	51·15	2	−18·28	− 0·44	9162	7176		564		11772
4508	134 1 56·00	51·11	2	−18·30	− 0·77	9161	7177				11776
4509	101 40 20·88	51·06	2	−18·31	+ 0·14						11780
4510	161 44 11·10	50·48	2	−18·35	− 0·73	9158					11788
4511	145 4 4·83	51·01	2	−18·35	+ 1·92	9164	7179				11784
4512	148 39 23·04	50·55	2	−18·40	+ 0·99	9170	7180				11792
4513	100 22										
4514	142 22 35·74	51·10	2	−18·40	+ 1·08	9173	7181				11794
4515	92 20 39·53	50·69	1	−18·40							
4516	111 28 29·40	51·16	4	−18·41	+ 0·36				565		11793
4517	90 10 28·75	50·70	1	−18·42							
4518	114 45 52·22	51·10	2	−18·44	+ 0·75	9180					11799
4519	139 4 49·96	51·04	2	−18·45	+ 1·18	9178	7182				11801
4520	90 53 18·46	50·69	1	−18·45	+ 1·97			382	566		11800
4521	131 21 17·17	50·70	2	−18·45	+ 1·00	9181	7183				11802
4522	108 13 57·33	51·04	2	−18·45							
4523	122 26 13·19	51·13	2	−18·47	+ 1·76	9184	7185				11804
4524	122 25 0·04	51·13	2	−18·47							
4525	131 21 49·29	50·70	2	−18·47	− 1·33	9183	7184				11805
4526	137 29 0·34	51·03	2	−18·50	+ 3·11	9186					11810
4527	143 28 10·44	51·21	3	−18·52	+ 1·30	9189	7187				11815
4528	95 0 0·94	50·45	1	−18·53							
4529	158 27 59·61	50·72	2	−18·53							
4530	172 9 52·11	50·70	2	−18·54	+ 1·13	9165	7186		567	12	11830
4531	140 22 29·80	51·10	2	−18·56	+ 1·94	9200	7188				11821
4532	148 12 7·15	51·03	2	−18·57	+ 1·11	9198	7189				11825
4533	100 48 20·51	50·56	1	−18·57	+ 4·51						11822
4534	119 6 11·52	51·34	3	−18·57	+ 1·73	9204	7190				11823
4535	119 7 32·15	51·68	2	−18·58	+ 2·10		7191				11824
4536	103 23 14·90	51·19	2	−18·58							
4537	121 25 48·76	51·15	2	−18·59	+ 6·65*	9205	7192				11829
4538	100 8 27·31	50·69	1	−18·60							
4539	117 49 26·29	51·42	4	−18·61	+ 1·11	9206	7193		568		11831
4540	97 18 47·46	50·70	1	−18·61							
4541	137 58 46·48	51·32	3	−18·65	+10·13*	9210	7195				11835
4542	137 39 59·56	51·36	3	−18·65	+ 0·68	9211	7194	384	569	54	11837
4543	135 1 56·39	51·11	2	−18·66	− 1·09	9215	7196				11838
4544	76 57									139	11836
4545	120 8 34·12	51·18	2	−18·66	+ 2·10		7197				11839

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4546	7911	6	Toucani - - -	22 34 29				
4547	7910	6	Toucani - - -	22 34 31·55	52·75	2	+3·960	−0·17
4548	7916	5	Gruis - - - ρ	22 34 46·95	52·65	3	+3·511	−0·14
4549	7918	7	65 Aquarii - - -	22 35 7·56	51·74	2	+3·164	
4550	7919	7	Piazzi XXII–200 - -	22 35 11·70	52·58	1	+3·148	
4551	7920	7	Piazzi XXII–201 - -	22 35 22·25	51·82	1	+3·138	
4552	7921	6	67 Aquarii - - -	22 35 24·00	51·83	2	+3·136	
4553	7922	6·7	66 Aquarii - - g^1	22 35 30·56	51·27	2	+3·242	
4554	7924	6	Octantis - - -	22 36 6				
4555	7925	4·5	Gruis - - - η	22 36 23·46	52·59	2	+3·734	+0·06
4556	7926	6·5	Taylor 10521 - -	22 36 47·98	52·64	3	+3·586	−0·19
4557	7927	6·7	Rumker 573 - -	22 36 49·76	52·79	2	+4·394	−0·17
4558	7928	5·6	Cape 1840 Cat., No. 2802	22 37 0·50	52·80	2	+5·268	+0·97
4559	7929	7·6	Taylor 10523 - -	22 37 5·63	52·55	1	+3·630	+0·37
4560	7930	6·7	20 Piscis Australis - -	22 37 18·11	51·73	2	+3·301	+0·13
4561	7934	6·7	Taylor 10527 - -	22 37 26·06	52·60	2	+3·642	+0·25
4562	7933	6·7	Rumker 575 - -	22 37 26·67	52·66	2	+4·147	+0·58
4563	7935	7·8	Piazzi XXII–209 - -	22 37 27·67	51·58	2	+3·157	
4564	7940	7·6	Indi - - - -	22 37 35·48	53·41	2	+4·494	−0·24
4565	7936	7·6	Taylor 10530 - -	22 37 49·49	52·61	2	+3·587	+0·14
4566	7938	6·5	Cape 1840 Cat., No. 2804	22 38 28·98	52·72	2	+4·435	+0·02
4567	7939	6	Toucani - - -	22 38 35·01	52·74	2	+3·963	+0·03
4568	7942	6	Rumker 577 - -	22 38 59·79	52·78	2	+4·041	+0·02
4569	7944	7	Taylor 10534 - -	22 39 14·51	52·59	2	+3·444	−0·21
4570	7946	4	Gruis - - - ϵ	22 39 28·08	52·70	2	+3·662	+0·03
4571	7947	6	68 Aquarii - - g^2	22 39 29·34	52·11	2	+3·242	
4572	7949	6	69 Aquarii - - τ^1	22 39 44·60	51·75	1	+3·192	
4573	7951	7·8	Badley 3011 - -	22 40 6·17	51·82	2	+3·111	
4574	7952	6	70 Aquarii - - -	22 40 36·30	51·82	2	+3·162	+0·05
4575	7954	5	71 Aquarii - - τ^2	22 41 38·79	51·97	6	+3·186	+0·01
4576	7955	6	Taylor 10549 - -	22 42 14				
4577	7956	5·6	Cape 1840 Cat., No. 2810	22 42 22				
4578		8	Aquarii - - -	22 42 24·27	52·47	1	+3·135	
4579	7957	6	Piazzi XXII–227 - -	22 42 28·98	52·59	2	+3·442	+0·06
4580	7959	7	72 Aquarii - - -	22 42 56·96	52·48	1	+3·133	
4581	7960	7·6	21 Piscis Australis - -	22 43 3·91	52·48	2	+3·328	−0·02
4582	7965	6·5	Indi - - - ρ	22 44 8·14	52·62	2	+4·324	+0·11
4583	7966	5	22 Piscis Australis - γ	22 44 10·41	52·48	2	+3·360	+0·08
4584	7968	7·6	Rumker 578 - -	22 44 31·30	52·57	2	+3·518	+0·14
4585	7969	6·7	Gruis - - - τ^1	22 44 43·62	51·82	2	+3·574	+0·38
4586	7970	4	73 Aquarii - - λ	22 44 47·19	52·19	4	+3·134	+0·14
4587	7974	6	74 Aquarii - - -	22 45 34·62	51·63	2	+3·165	+0·01
4588	7976	7	75 Aquarii - - -	22 46 11·96	51·57	2	+3·168	
4589	7979	6·7	Gruis - - - τ^2	22 46 29				
4590	7980	4	76 Aquarii - - δ	22 46 41·12	51·81	10	+3·196	−0·02

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4578. The magnitude is taken from Lalande.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4546	154 44 16·83	50·67	2	−18·68	+ 1·45	9212	7198				11844
4547	151 17 5·25	50·71	2	−18·68	− 0·35	9213					11841
4548	132 11 40·67	51·31	3	−18·68	+ 1·45	9218	7199				11843
4549	100 53 12·37	50·67	1	−18·70							
4550	99 5 41·67	50·71	1	−18·70							
4551	97 59 56·99	50·72	1	−18·70							
4552	97 44 47·04	50·73	1	−18·70							
4553	109 36 49·52	50·73	1	−18·71							
4554	170 54 45·42	50·71	2	−18·72	− 0·44	9202	7201				11859
4555	144 17 12·31	51·12	2	−18·74	+ 0·99	9223	7203		570		11851
4556	137 19 59·37	51·22	2	−18·75	+ 1·54	9229	7204				11853
4557	160 15 46·72	51·25	3	−18·75	+ 0·78	9220					11858
4558	167 50 23·88	51·22	2	−18·76	+ 1·01	9216	7202				11864
4559	139 45 49·68	51·23	2	−18·76	+ 1·27	9231	7205				11856
4560	116 1 26·63	50·73	1	−18·76	− 0·31	9236	7206				11857
4561	140 27 41·71	51·14	2	−18·77	+ 8·52*	9233	7207				11860
4562	156 20 52·89	50·72	2	−18·77	+ 0·64	9227					11862
4563	100 25 50·40	50·75	1	−18·77							
4564	161 43 19·19	51·12	6	−18·78	+ 1·09	9232					11867
4565	137 43 38·38	51·73	2	−18·78	+ 2·12	9237	7208				11863
4566	161 8 20·26	51·09	4	−18·80	− 0·33	9230	7209				11877
4567	152 28 23·60	51·21	2	−18·80	+ 0·89	9238					11875
4568	154 30 31·20	51·18	2	−18·82	− 0·45	9240	7210				11882
4569	129 0 29·19	50·69	1	−18·82	+ 2·38	9251	7211				11881
4570	142 6 13·81	51·20	2	−18·83	− 0·34	9249	7212	386	571		11884
4571	110 23 38·78	50·67	1	−18·83							
4572	104 50 45·15	50·67	1	−18·84							
4573	95 0 22·68	50·71	1	−18·85							
4574	101 20 47·49	50·71	1	−18·86	− 0·21						11890
4575	104 23 0·01	50·52	1	−18·89	− 1·52						11897
4576	150 40 28·97	51·00	3	−18·91	− 0·27	9267	7213				11901
4577	153 58 50·17	50·58	3	−18·92	+ 1·18	9268	7214				11905
4578	98 15										
4579	129 56 58·93	50·46	1	−18·92	− 0·66	9275	7215				11902
4580	98 6 17·39	50·56	1	−18·93							
4581	120 19 46·37	50·50	1	−18·94	− 0·27	9281	7216				11907
4582	160 52 21·59	50·60	2	−18·97	− 0·95	9276	7217				11921
4583	123 40 10·02	51·22	2	−18·97	− 0·55	9287	7218		572		11918
4584	135 56 33·52	51·11	2	−18·98	+ 1·20	9288					11920
4585	139 23 27·13	51·12	2	−18·98	+ 1·70	9289	7219				11923
4586	98 22 34·42	50·56	1	−18·99	+ 0·49			388	573		11922
4587	102 24 45·62	50·68	1	−19·01	+ 0·35						11928
4588	102 59 7·74	50·69	1	−19·02							
4589	139 15 57·37	51·12	4	−19·03	− 2·20	9295	7220				11934
4590	106 37 3·92	50·52	1	−19·04	− 1·77			389	574	98	11935

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4591	7981	6	78 Aquarii - - -	22 46 45·40	51·64	2	+3·130	
4592	7982	6	77 Aquarii - - -	22 46 49·05	52·46	1	+3·200	
4593	7986	7	Piazzi XXII-250 - -	22 47 24·08	52·59	2	+3·113	
4594	7987	5·6	23 Piscis Australis - δ	22 47 37·60	52·60	2	+3·344	−0·06
4595	7989	6	Rumker 579 - -	22 47 51·35	52·78	2	+3·738	
4596	7991	6	Gruis - - - -	22 48 1·69	52·26	2	+3·541	−0·14
4597	7992	1·2	24 Piscis Australis - α	22 49 21·09	52·14	57	+3·310	+0·02
4598	7993	7·8	Bradley 3033 - -	22 49 31·22	52·76	2	+3·110	
4599	7998	6	Piazzi XXII-256 - -	22 50 13·11	52·46	1	+3·365	−0·12
4600	8000	7·6	Rumker 580 - -	22 50 36·07	52·80	2	+3·483	+0·15
4601	8002	6	Piazzi XXII-262 - -	22 51 22·96	52·58	2	+3·301	−0·22
4602	8004	7	Piazzi XXII-264 - -	22 51 41·45	52·65	2	+3·168	+0·02
4603	8006	6·7	Taylor 10592 - -	22 51 48·09	52·78	2	+3·729	−0·02
4604	8007	6·7	Piazzi XXII-267 - -	22 51 58·04	52·71	2	+3·261	−0·05
4605	8008	5	Gruis - - - ζ	22 51 59·53	52·77	2	+3·600	+0·12
4606	8009	5·6	Taylor 10601 - -	22 52 17·00	52·73	2	+3·565	−0·02
4607	8010	7	Piazzi XXII-272 - -	22 52 29·66	51·62	2	+3·137	
4608	8011	7	Toucani - - -	22 52 39·98	52·76	2	+3·904	+0·10
4609	8012	6	3 Piscium - - -	22 52 56·43	52·06	2	+3·075	
4610	8016	6	81 Aquarii - - -	22 53 35·81	51·78	2	+3·123	
4611	8017	7·8	Piazzi XXII-279 - -	22 53 45·70	51·61	2	+3·107	
4612	8018	7·6	Rumker 581 - - -	22 53 52·02	51·76	1	+3·466	+0·32
4613	8020	6	82 Aquarii - - -	22 54 45·13	51·55	2	+3·119	
4614	8021	5·6	Cape 1840 Cat., No. 2818	22 54 52				
4615	8022	7·6	Taylor 10614 - -	22 54 59·66	51·62	2	+3·636	+0·01
4616	8025	6	Piazzi XXII-282 - -	22 55 11·00	51·78	2	+3·337	+0·14
4617	8027	6	Taylor 10618 - -	22 55 31·77	51·78	2	+3·408	−0·02
4618	8029	5·6	Gruis - - - -	22 55 45·57	51·97	3	+3·594	−0·12
4619	8030	5·6	Cape 1840 Cat., No. 2821	22 55 57				
4620	8034	2	54 Pegasi - - - α	22 57 17·53	52·42	25	+2·978	−0·04
4621	8035	6	83 Aquarii - - h^1	22 57 20·32	51·59	3	+3·125	−0·03
4622	8038	7	84 Aquarii - - h^2	22 57 30·37	51·65	2	+3·125	
4623	8040	6·5	Toucani - - -	22 58 2·68	52·17	2	+4·349	+0·15
4624	8041	7	85 Aquarii - - h^3	22 58 4·00	51·74	2	+3·126	
4625	8043	4	Gruis - - - θ	22 58 24·64	51·76	1	+3·417	−0·18
4626	8044	6	Taylor 10633 - -	22 58 29·28	52·20	2	+3·499	0·00
4627	8045	6	Piazzi XXII-298 - -	22 58 31·52	52·55	2	+3·365	+0·09
4628		7·6	Cape 1840 Cat., No. 2825	22 58 32·04	52·70	1	+3·516	0·00
4629	8046	7·6	Taylor 10634 - -	22 58 33·27	52·45	1	+3·516	−0·27
4630	8047	5·6	86 Aquarii - - c^1	22 58 36·84	51·68	2	+3·232	+0·01
4631	8049	6	Octantis - - -	22 59 22				
4632	8050	7·8	87 Aquarii - - h^4	22 59 23·54	51·56	2	+3·123	
4633	8055	6·5	Indi - - - -	23 0 3·93	52·71	1	+3·955	−0·25
4634	8053	6	Piazzi XXII-305 - -	23 0 13·59	52·58	2	+3·267	−0·19
4635	8057	6	Rumker 584 - -	23 0 33·17	51·90	1	+3·906	+0·08

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4591	98 0 2·28	50·62	1	−19·04							
4592	107 3 56·31	50·69	1	−19·04							
4593	95 47 9·30	50·70	1	−19·06							
4594	123 20 22·90	51·17	2	−19·06	+ 1·96	9304	7224				11944
4595	148 11 52·90	51·20	2	−19·07							
4596	138 46 6·33	51·21	2	−19·08	+ 1·30	9305					11947
4597	120 24					9314	7225	391	575	84	11951
4598	95 36 37·51	50·73	1	−19·11							
4599	126 19 10·31	51·23	2	−19·13	+ 4·63*	9316	7226				11958
4600	135 59 28·76	51·12	4	−19·14	+ 0·23	9317					11960
4601	120 15 54·17	51·27	2	−19·16	+ 0·41	9321	7227				11961
4602	103 52 24·28	50·71	1	−19·17	+ 1·34						11964
4603	149 14 26·73	51·15	2	−19·17	+ 0·68	9320	7228				11967
4604	115 57 50·56	51·23	2	−19·18	+ 1·80	9329					11965
4605	143 33 23·95	51·14	2	−19·18	+ 2·41	9322	7229		576		11969
4606	141 45 12·38	51·19	2	−19·19	+ 1·24	9328	7231				11974
4607	99 40 57·82	50·62	1	−19·19							
4608	155 6 1·53	50·73	2	−19·20	+ 1·40	9325	7232				11976
4609	90 37 6·40	50·68	1	−19·20							
4610	97 51 53·21	50·52	1	−19·22							
4611	95 30 58·19	50·69	1	−19·22							
4612	136 6 30·37	50·61	2	−19·23	+ 1·06	9339					11981
4613	97 22 41·49	50·52	1	−19·25							
4614	159 37 47·18	50·99	3	−19·25	− 1·15	9337	7234				11992
4615	146 30 9·29	51·45	4	−19·25	+ 1·44	9345	7235				11990
4616	125 33 33·89	50·56	2	−19·26	− 3·56	9350	7237				11991
4617	132 17 16·61	51·08	2	−19·27	− 1·34	9354	7238				11999
4618	144 46 1·42	51·11	2	−19·27	+ 4·99*	9353					12000
4619	170 17 17·45	50·72	2	−19·27	+ 1·54	9332	7236				12005
4620	75 36						7239			145	12006
4621	98 30 6·57	50·69	1	−19·31	+ 2·57			395			12008
4622	98 33 45·35	50·69	1	−19·31							
4623	164 23 45·05	50·62	2	−19·33	+ 1·22	9358	7240				12015
4624	98 44 43·04	50·70	1	−19·33							
4625	134 19					9366	7244		577		12013
4626	140 24 55·08	51·39	5	−19·34	+ 2·35	9365	7245				12017
4627	129 42 7·52	51·33	3	−19·34	− 0·99	9369					12014
4628	141 29										12018
4629	141 29 42·86	50·58	1	−19·34	+ 0·56	9367	7246				12019
4630	114 33 8·17	51·18	2	−19·34	+ 1·52	9371					12016
4631	171 43 28·32	50·93	3	−19·35	+ 0·79	9355	7243				12029
4632	98 30 10·06	50·52	1	−19·36							
4633	158 41 7·95	50·60	4	−19·38	+ 0·93	9374					12028
4634	119 37 58·34	51·08	2	−19·38	+ 1·35	9376					12026
4635	157 40 14·12	50·94	2	−19·38	+ 0·60	9375	7247				12031

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				h m s			s	s
4636	8061	6	Rumker 585 - -	23 1 20·72	51·50	1	+ 3·691	−0·01
4637	8062	4	88 Aquarii - - c^2	23 1 26·60	51·74	2	+ 3·207	−0·10
4638	8063	5·6	Piazzi XXII–314 - -	23 1 36·54	52·30	2	+ 3·392	−0·80*
4639	8064	6	Taylor 10652 - -	23 1 37·89	52·63	2	+ 3·257	−0·09
4640	8066	6	Piazzi XXII–315 - -	23 1 47·88	52·65	2	+ 3·367	−0·11
4641	8067	4·5	Gruis - - - ι	23 1 50·89	52·75	2	+ 3·419	−0·07
4642	8069	5·6	89 Aquarii - - c^3	23 1 53·75	51·96	3	+ 3·215	−0·01
4643	8072	6	Octantis - - τ	23 2 45·33	52·37	29	+14·228	−0·65
4644	8073	7	Piazzi XXIII–2 - -	23 2 53·27	51·54	2	+ 3·110	
4645	8081	5	Cape 1840 Cat., No. 2830	23 4 50				
4646	8084	7	Piazzi XXIII–17 - -	23 6 23·21	51·55	2	+ 3·089	
4647	8085	4·5	90 Aquarii - - ϕ	23 6 33·11	51·79	7	+ 3·108	−0·03
4648	8086	7	Rumker 587 - -	23 6 35·97	51·64	3	+ 3·617	−0·31
4649	8087	6	Taylor 10681 - -	23 6 36·08	51·65	2	+ 3·555	−0·14
4650	8088	6	Piazzi XXIII–18 - -	23 6 38·45	51·75	2	+ 3·348	+0·16
4651	8090	6	Cape 1840 Cat., No. 2833	23 7 39·03	51·81	2	+ 4·841	+0·24
4652	8092	6	Taylor 10685 - -	23 7 42·04	51·88	2	+ 3·525	+0·02
4653	8094	6	B. F. 3183 - - -	23 7 50·55	51·56	2	+ 3·093	
4654	8093	5	Cape 1840 Cat., No. 2835	23 7 53·94	52·71	1	+ 3·658	−0·03
4655	8095	5·6	91 Aquarii - - ψ^1	23 8 1·82	51·61	2	+ 3·123	
4656	8096	6·7	Rumker 590 - -	23 8 17·79	51·81	3	+ 3·373	−0·24
4657	8098	4·5	Toucani - - γ	23 8 38·48	51·90	2	+ 3·566	−0·22
4658	8100	6·5	Toucani - - -	23 8 59·25	52·61	2	+ 3·812	+0·19
4659		7·8	Toucani - - -	23 8 59·25	52·72	1	+ 3·622	+0·08
4660	8102	5·6	92 Aquarii - - χ	23 9 4·25	51·55	1	+ 3·115	
4661	8101	6	Toucani - - -	23 9 4·59	52·58	2	+ 3·621	+0·36
4662	8108	6	Gruis - - - ϕ	23 9 52·22	52·62	2	+ 3·329	+0·21
4663	8109	5	93 Aquarii - - ψ^2	23 10 6·32	51·59	2	+ 3·122	−0·07
4664	8112	6·7	Taylor 10702 - -	23 10 21·18	52·70	2	+ 3·393	−0·04
4665	8111	6·7	Octantis - - -	23 10 22				
4666	8113	5	Sculptoris - - γ	23 10 42·85	51·69	2	+ 3·258	−0·08
4667	8116	5	95 Aquarii - - ψ^3	23 11 9·38	51·87	10	+ 3·123	+0·05
4668	8117	5·6	94 Aquarii - - -	23 11 13·12	51·65	3	+ 3·143	−0·24
4669	8119	6	96 Aquarii - - -	23 11 37·27	51·59	3	+ 3·100	
4670	8121	6·5	Taylor 10717 - -	23 12 22·34	51·89	2	+ 3·413	+0·08
4671	8123	7	B. F. 3194 - - -	23 12 29·20	51·61	2	+ 3·093	
4672	8129	7	Taylor 10724 - -	23 12 56·93	51·84	2	+ 3·103	
4673	8130	7	Rumker 595 - -	23 13 9·27	51·89	2	+ 3·349	
4674	8132	6	Piazzi XXIII–55 - -	23 13 15·48	52·44	2	+ 3·213	−0·16
4675	8134	6·7	B. F. 3199 - - -	23 13 37·50	51·54	3	+ 3·096	
4676	8140	5	Rumker 596 - -	23 14 10				
4677	8142	6	97 Aquarii - - -	23 14 47·13	51·64	2	+ 3·145	+0·26
4678	8143	6	Taylor 10733 - -	23 14 48·73	52·48	2	+ 3·464	+0·01
4679	8144	5	98 Aquarii - - b^1	23 15 5·15	51·60	2	+ 3·170	+0·04
4680	8145	7·6	Taylor 10735 - -	23 15 5·71	51·77	2	+ 3·309	−0·17

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4636	151 22 32·69	50·93	3	−19·40	+ 0·82	9377	7248				12033
4637	111 59 8·98	50·53	1	−19·40	− 0·73				579		12032
4638	133 40 20·16	51·19	3	−19·41	− 0·24	9381	7249				12035
4639	118 54 2·83	51·12	2	−19·41	+ 0·69	9383	7250				12034
4640	131 24 7·46	51·20	2	−19·41	+ 0·82	9384	7251				12036
4641	136 3 28·06	51·12	2	−19·41	+ 0·95	9382	7252	397	580		12038
4642	113 16 9·21	51·25	2	−19·41	+ 1·04	9386		398	581		12037
4643	178 18					9225	7241		578	4	12069
4644	96 46 23·57	50·69	1	−19·44							
4645	153 29 50·79	50·96	3	−19·48	+ 10·63*	9396	7258				12052
4646	93 26 59·31	50·53	2	−19·51							
4647	96 51 24·54	50·54	1	−19·52	− 0·16			399	582		12060
4648	150 30 37·75	50·87	3	−19·52	− 0·42	9405					12065
4649	147 30 25·19	51·09	2	−19·52	+ 1·02	9406	7261				12063
4650	131 55 0·97	51·31	3	−19·52	+ 3·27	9407	7262				12062
4651	170 17 27·95	50·69	2	−19·53	+ 0·71	9399	7263				12074
4652	146 20 41·20	51·24	3	−19·54	− 0·23	9410	7264				12070
4653	94 18 47·11	50·58	1	−19·54							
4654	152 49 2·38	50·76	4	−19·54	+ 0·86	9412	7266				12072
4655	99 54 13·62	50·69	1	−19·54							
4656	135 18 22·66	51·06	2	−19·55	+ 0·74	9419					12073
4657	149 3 25·46	51·32	3	−19·55	− 0·25	9420	7267	400	583		12083
4658	158 17 23·82	50·71	2	−19·56	+ 0·13	9418	7268				12087
4659	151 48 59·42	51·21	2	−19·56	+ 0·29						12085
4660	98 32 37·58	50·71	1	−19·56							
4661	151 49 4·85	51·21	2	−19·56	+ 3·76	9423					12086
4662	131 38 16·81	51·09	2	−19·58	+ 3·29	9432	7271				12091
4663	100 0 0·73	50·67	1	−19·58	+ 1·56			401	584		12094
4664	138 15 16·46	51·03	2	−19·59	− 0·71	9433	7273				12095
4665	166 27 12·83	50·72	2	−19·59	+ 0·88	9427	7272				12099
4666	123 20 53·81	51·16	2	−19·59	− 0·23	9435	7274		585		12096
4667	100 25 47·73	50·52	1	−19·60	+ 1·00				586		12101
4668	104 16 25·77	50·69	1	−19·60	+ 1·43						12102
4669	95 56 35·09	50·68	1	−19·61							
4670	141 7 26·76	50·36	4	−19·62	+ 1·32	9446	7276				12111
4671	94 44 3·95	50·69	1	−19·63							
4672	96 43 33·93	50·58	1	−19·63							
4673	135 43 46·14	51·09	2	−19·64							
4674	117 48 26·68	51·12	2	−19·64	− 0·26	9448					12113
4675	95 29 31·35	50·47	1	−19·65							
4676	150 52 38·70	50·70	2	−19·66	+ 0·12	9449	7277				12116
4677	105 51 44·32	50·53	1	−19·67	− 1·65						12118
4678	146 22 30·07	51·05	2	−19·67	+ 1·10	9452	7278				12120
4679	110 55 7·83	50·55	2	−19·67	− 1·02			404	587		12121
4680	132 25 25·29	51·15	2	−19·67	+ 1·19	9454	7279				12123

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No.	No. in B.A.C.	Magnitude.	Star's Name.	Mean R.A. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of R.A.	Annual Precession in R.A. for 1850.	Cape, 1880, *minus* Cape, 1850.
				h m s			s	s
4681	8148	7	Taylor 10739	23 15 22·02	51·80	2	+3·435	+0·21
4682		6	Gruis	23 15 23·72	52·00	3	+3·436	+0·02
4683	8150	6	Piazzi XXIII–66	23 15 30·95	51·65	1	+3·319	−0·30
4684	8151	5	Taylor 10742	23 15 46·95	51·74	2	+3·407	−0·02
4685	8152	6·7	Piazzi XXIII–68	23 15 50·24	51·57	3	+3·073	
4686	8154	7	Piazzi XXIII–69	23 15 59·02	51·57	2	+3·112	
4687	8155	7·6	Piazzi XXIII–70	23 16 9·62	51·63	2	+3·176	−0·26
4688	8157	5	Taylor 10748	23 16 44·30	52·03	3	+3·467	+0·03
4689	8161	5	99 Aquarii b^2	23 18 9·54	51·57	2	+3·166	+0·23
4690	8163	5	Taylor 10755	23 18 11·68	51·65	1	+3·399	−0·35
4691	8164	7	Rumker 599	23 18 22				
4692	8165	6	Toucani	23 18 24·77	51·86	2	+3·556	−0·24
4693	8166	5·6	Taylor 10759	23 18 39·67	51·71	2	+3·475	−0·04
4694	8167	7·6	Piazzi XXIII–82	23 18 40·65	51·60	2	+3·170	+0·01
4695	8168	6·7	Taylor 10762	23 18 48·60	51·87	2	+3·366	−0·20
4696	8172	6·7	Piazzi XXIII–87	23 19 57·03	51·77	2	+3·242	−0·22
4697	8175	7	Piazzi XXIII–90	23 20 16·68	51·61	2	+3·121	
4698	8176	5	Cape 1840 Cat., No. 2856	23 20 17·36	51·68	2	+3·542	+0·09
4699	8178	6	Taylor 10776	23 20 48·96	51·65	2	+3·301	−0·14
4700	8179	6	Taylor 10777	23 20 52·26	51·75	2	+3·399	+0·20
4701	8181	7·6	Rumker 602	23 21 31·95	51·73	1	+3·376	+0·02
4702	8183	6·7	11 Piscium	23 21 45·12	51·55	2	+3·081	
4703	8184	7	Piazzi XXIII–96	23 21 46·74	51·59	2	+3·091	
4704	8185	7	12 Piscium	23 21 48·74	51·57	2	+3·078	
4705	8189	6·7	Taylor 10787	23 23 16·87	51·75	2	+3·289	−0·13
4706	8190	5·6	Octantis	23 23 30·60	51·65	2	+4·086	−0·23
4707	8191	6	Rumker 603	23 23 36·62	51·15	3	+4·434	
4708	8192	6·7	Piazzi XXIII–102	23 23 45·42	51·90	2	+3·264	−0·16
4709	8193	7	Piazzi XXIII–103	23 23 46·59	51·60	2	+3·089	
4710	8194	6	100 Aquarii b^3	23 23 49·93	51·90	2	+3·156	
4711	8196	7·8	Bradley 3127	23 23 57·20	52·45	1	+3·156	
4712	8197	7·8	Piazzi XXIII–106	23 24 3·84	51·63	1	+3·118	
4713	8198	7	13 Piscium	23 24 15·66	51·62	2	+3·078	
4714	8199	7	Piazzi XXIII–109	23 24 25·84	51·65	3	+3·116	−0·16
4715	8200	7	Cape 1840 Cat., No. 2859	23 24 34·64	52·96	2	+3·816	+0·14
4716	8201	4·5	Sculptoris β	23 24 54·55	52·42	1	+3·234	+0·59*
4717	8202	5	101 Aquarii b^4	23 25 25·19	51·57	2	+3·151	
4718	8205	6·7	14 Piscium	23 26 26·22	51·59	2	+3·078	
4719	8207	6·5	Rumker 604	23 26 36·75	51·68	2	+3·497	−0·18
4720	8208	6·5	Taylor 10804	23 26 42·35	51·70	2	+3·376	−0·06
4721	8209	7·6	Piazzi XXIII–17	23 26 44·99	51·76	2	+3·254	−0·08
4722	8210	5	Phœnicis ι	23 26 59·50	51·72	3	+3·252	−0·09
4723	8214	6·7	Piazzi XXIII–126	23 27 47·68	51·61	3	+3·098	
4724	8216	7·6	Piazzi XXIII–130	23 28 16·51	51·64	2	+3·168	−0·20
4725	8219	5·6	Cape 1840 Cat., No. 2863	23 28 57·56	51·89	2	+3·896	+0·32

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No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4681	144 38 9·31	51·45	4	−19·68	+ 0·93		7280				12125
4682	144 37 46·03	51·45	4	−19·68	+ 2·39	9455	7281				12126
4683	133 56 50·53	51·19	2	−19·68	− 0·84	9456	7282				12127
4684	142 42 43·89	51·32	3	−19·68	+ 1·79	9457	7283				12129
4685	90 31 54·29	50·73	1	−19·68							
4686	99 16 54·73	50·69	1	−19·69							
4687	112 35 38·52	51·27	2	−19·69	+ 2·60	9462					12130
4688	147 40 16·61	50·99	2	−19·70	+ 2·12	9463	7285				12133
4689	111 27 49·13	51·16	2	−19·72	− 0·60			406	588		12139
4690	143 33 3·56	50·55	2	−19·72	− 0·34	9470	7287				12141
4691	149 14 45·14	51·21	4	−19·73	+ 1·70	9472					12144
4692	153 33 41·79	50·61	2	−19·73	+ 0·38	9471	7288				12145
4693	149 18 12·19	51·21	4	−19·73	− 1·05	9474	7289				12147
4694	112 33 54·44	51·07	3	−19·73	+ 0·66	9478					12146
4695	140 58 55·23	51·00	2	−19·73	− 0·23	9476	7291				12148
4696	126 22 10·58	51·03	2	−19·75	+ 0·04	9485					12157
4697	102 16 25·78	50·46	1	−19·76							
4698	153 56 8·54	50·64	2	−19·76	+ 0·96	9483	7293				12161
4699	135 19 23·24	51·14	2	−19·76	+ 0·24	9490	7294				12163
4700	145 19 38·66	51·25	3	−19·76	+ 0·71	9488	7295				12164
4701	143 30 14·52	51·24	3	−19·77	+ 0·92	9491					12165
4702	92 36 58·37	50·71	1	−19·78							
4703	95 20 56·42	50·69	1	−19·78							
4704	91 51 37·59	50·69	1	−19·78							
4705	135 40 10·59	50·53	2	−19·80	+ 0·81	9502	7297				12176
4706	168 12 47·07	50·61	2	−19·80	− 0·41	9494					12184
4707	149 49 48·97	51·04	2	−19·80							
4708	132 34 47·44	51·27	3	−19·81	+ 0·32	9507	7298				12183
4709	95 54 22·94	50·74	1	−19·81							
4710	112 11 47·29	51·19	2	−19·81							
4711	112 4 33·81	51·26	2	−19·81							
4712	102 46 32·47	50·69	1	−19·81							
4713	91 54 49·82	50·72	1	−19·81							
4714	102 22 15·59	50·71	1	−19·81	+ 2·44						12188
4715	164 33 48·40	51·00	3	−19·82	+ 1·59	9505	7299				12190
4716	128 38 49·69	51·08	2	−19·82	− 0·83	9513	7300	411	589		12191
4717	111 44 34·58	51·08	2	−19·83					590		
4718	92 4 32·01	50·71	1	−19·84							
4719	155 31 4·60	51·09	2	−19·84	+ 2·08	9518	7301				12201
4720	147 39 11·60	51·17	2	−19·84	+ 1·22	9520	7302				12203
4721	133 30 44·32	51·01	2	−19·84	+ 2·06	9522	7303				12202
4722	133 26 37·35	51·01	2	−19·85	+ 0·60	9523	7304		591		12206
4723	98 17 45·03	50·47	1	−19·86							
4724	117 42 20·39	51·11	2	−19·86	− 0·28	9529					12210
4725	167 41 55·92	50·55	1	−19·87	− 0·93	9525	7307				12215

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				h m s			s	s
4726	8220	4·5	Taylor 10823 - -	23 29 45·52	51·95	3	+3·255	+0·01
4727	8221	6	Piazzi XXIII–133 -	23 29 52·73	51·69	4	+3·114	−0·01
4728	8225	7	Piazzi XXIII–137 -	23 30 14·89	51·57	2	+3·120	
4729	8226	6	Rumker 608 - -	23 30 17·77	51·79	3	+3·421	−0·35
4730	8228	6	Cape 1840 Cat., No. 2865	23 30 40				
4731	8230	6·5	Phœnicis - - θ	23 31 23·73	51·67	4	+3·252	−0·16
4732	8232	5	102 Aquarii - - ω^1	23 32 0·12	51·59	2	+3·114	−0·03
4733	8233	4·5	17 Piscium - - ι	23 32 14·19	52·57	21	+3·057	+0·03
4734	8235	7·6	Rumker 609 - -	23 32 39				
4735	8236	6·5	Sculptoris - - μ	23 32 45·35	51·89	2	+3·173	−0·31
4736	8239	6	Piazzi XXIII–153 -	23 33 23·02	51·70	3	+3·105	+0·07
4737	8240	6·5	103 Aquarii - - A^1	23 33 47·42	51·73	2	+3·123	+0·10
4738	8241	7·6	Taylor 10851 - -	23 33 58·19	51·89	2	+3·212	−0·08
4739	8242	5	104 Aquarii - - A^2	23 33 58·53	52·05	2	+3·122	−0·21
4740	8243	4	18 Piscium - - λ	23 34 23·54	51·62	2	+3·068	+0·07
4741	8244	6	Rumker 611 - -	23 34 24·88	51·90	2	+3·317	
4742	8246	5·6	105 Aquarii - - ω^2	23 34 56·40	51·63	3	+3·111	
4743	8251	5·6	Cape 1840 Cat., No. 2871	23 35 46·89	52·18	2	+3·488	+1·06*
4744	8253	6	Cape 1840 Cat., No. 2872	23 35 53·69	51·80	2	+3·375	−0·06
4745	8254	6	Phœnicis - - -	23 35 57·98	51·68	3	+3·215	+0·14
4746	8255	5·6	106 Aquarii - - i^1	23 36 24·91	51·55	2	+3·118	+0·03
4747	8258	6·7	Piazzi XXIII–178 -	23 38 5·59	51·65	2	+3·182	+0·11
4748	8259	6	107 Aquarii - - i^2	23 38 13·12	51·57	2	+3·116	
4749	8263	7·6	Toucani - - -	23 39 3·38	51·85	2	+3·392	+0·01
4750	8264	5	Phœnicis - - σ	23 39 17·19	51·71	2	+3·220	−0·06
4751	8265	7·6	Toucani - - -	23 39 27·33	51·89	2	+3·341	−0·37
4752	8266	6	Piazzi XXIII–185 -	23 39 32·22	51·59	2	+3·098	−0·15
4753	8267	6	Toucani - - -	23 39 43·72	52·72	1	+3·355	−0·31
4754	8271	5·6	20 Piscium - - -	23 40 13·88	51·61	4	+3·078	
4755	8274	6·7	Piazzi XXIII–190 -	23 40 49·92	51·57	3	+3·085	
4756	8275	4·5	Sculptoris - - δ	23 41 6·32	51·66	2	+3·132	−0·20
4757	8278	6	Toucani - - -	23 41 38				
4758	8283	7	Rumker 616 - -	23 41 54·28	51·87	2	+3·269	
4759	8285	6	Piazzi XXIII–200 -	23 42 30·33	51·87	2	+3·090	−0·02
4760	8286	6·7	Taylor 10901 - -	23 42 41·65	51·68	2	+3·183	−0·06
4761	8287	7	Aquarii - - -	23 42 48·55	51·90	2	+3·109	
4762	8288	6	Piazzi XXIII–203 -	23 42 48·80	51·61	2	+3·098	
4763	8290	6·7	Octantis - - γ^1	23 43 7·56	52·37	15	+3·856	−0·20
4764	8292	6	108 Aquarii - - -	23 43 36·27	51·69	2	+3·105	
4765	8294	6	Rumker 618 - -	23 43 52·82	51·76	1	+3·154	−0·23
4766	8297	6	Piazzi XXIII–210 -	23 44 47·49	51·65	3	+3·095	
4767	8302	6·7	24 Piscium - - -	23 45 13·23	51·57	2	+3·077	−0·08
4768	8304	6·7	Piazzi XXIII–222 -	23 45 35·21	51·62	2	+3·110	−0·06
4769	8305	6·7	Rumker 619 - -	23 45 39·46	51·64	2	+3·266	−0·48
4770	8306	7	Rumker 620 - -	23 45 47·34	51·88	2	+3·170	−0·03

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						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4726	136 19 17·68	50·63	2	−19·88	+ 1·67	9535	7309				12217
4727	103 53 27·44	51·53	5	−19·88	+ 1·56						12219
4728	105 55 14·41	51·12	2	−19·89							
4729	153 42 55·79	51·27	3	−19·89	+ 0·65	9538	7311				12223
4730	163 31 20·01	50·96	4	−19·89	− 1·03	9537	7312				12225
4731	137 28 10·59	51·27	3	−19·90	+ 0·71	9543	7315		592		12228
4732	105 3 4·91	50·62	1	−19·91	− 0·91				593		12233
4733	85 11									130	12234
4734	147 14 59·27	50·84	4	−19·91	+ 1·12	9549					12237
4735	122 54 8·03	51·05	2	−19·91	+ 1·29	9552	7316				12238
4736	102 30 42·87	51·45	3	−19·92	+ 1·42						12242
4737	108 51 20·92	51·26	3	−19·92	− 0·66			414	594		12244
4738	133 5					9561	7318				12246
4739	108 38 53·55	50·69	1	−19·93	+ 1·04				595		12245
4740	89 2										12250
4741	148 47 32·62	51·26	3	−19·93							
4742	105 22 26·29	51·11	2	−19·94							
4743	161 19 30·16	50·60	2	−19·94	− 1·59	9566	7320				12262
4744	155 14 16·20	51·03	2	−19·94	− 0·77	9571	7321				12264
4745	135 54 54·89	50·72	2	−19·94	+ 0·62	9574					12265
4746	109 6 33·72	51·15	2	−19·95	− 0·62			415	596		12269
4747	131 0 51·43	51·07	2	−19·96	− 0·98	9582	7324				12273
4748	109 30 41·83	51·19	2	−19·97							
4749	159 13 32·14	51·06	2	−19·97	+ 1·85	9588	7325				12283
4750	141 3 32·54	51·05	2	−19·97	+ 0·10	9591	7326				12284
4751	156 4 25·73	50·70	2	−19·97	+ 1·89		7327				12287
4752	102 44 25·24	51·07	2	−19·98	+ 2·91						12286
4753	157 24 4·76	50·99	3	−19·98	+ 0·94	9592	7328				12290
4754	93 35 41·67	51·31	3	−19·98				416			
4755	97 12 48·07	50·54	1	−19·99							
4756	118 57 34·44	51·21	3	−19·99	− 0·17	9603	7330	417	597		12297
4757	153 40 18·12	50·98	3	−19·99	+ 1·12	9604	7331				12300
4758	151 58 9·82	51·13	2	−19·99							
4759	100 48 40·38	50·52	1	−20·00	− 1·07						12306
4760	138 12 43·17	51·00	2	−20·00	+ 0·20	9613	7333				12308
4761	111 3 57·54	51·08	2	−20·00							
4762	105 14 5·30	51·13	2	−20·00							
4763	172 51 8·21	51·00	3	−20·00	+ 0·15	9607	7334		598	10	12313
4764	109 44 35·11	51·15	2	−20·00							
4765	131 39 34·01	51·01	3	−20·01	+ 0·86	9623					12319
4766	105 5 8·28	51·38	4	−20·01							
4767	93 59 16·44	50·59	1	−20·01	+ 2·79						12330
4768	115 3 47·11	51·54	1	−20·02	+ 1·00	9633					12333
4769	156 47 6·64	50·55	2	−20·02	− 1·60		7341				12334
4770	140 16 2·84	50·66	2	−20·02	+ 0·23	9634					12335

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				h m s			s	s
4771	8308	7	Taylor 10929 - -	23 46 35·90	51·64	2	+3·112	−0·12
4772	8309	6	Piazzi XXIII–225 -	23 46 45·77	51·89	2	+3·138	+0·92*
4773	8311	6·7	Piazzi XXIII–227 -	23 47 5·94	51·59	2	+3·072	
4774	8313	7·6	Taylor 10935 - -	23 47 30·70	51·62	2	+3·117	−0·10
4775	8318	7·6	Taylor 10943 - -	23 48 51·76	51·66	2	+3·175	+0·12
4776	8319	5	Octantis - - γ^2	23 49 9·81	52·47	10	+3·587	−0·31
4777	8320	6	Rumker 622 - -	23 49 25·86	51·78	4	+3·196	−0·19
4778	8323	5	Toucani - - η	23 49 40·64	51·76	1	+3·201	−0·35
4779	8325	7	Rumker 623 - -	23 50 31·42	51·65	1	+3·183	−0·34
4780	8327	7	1 Ceti - - - -	23 50 38·02	51·61	2	+3·087	
4781	8328	5·6	27 Piscium - - -	23 50 59·68	51·84	6	+3·075	+0·04
4782	8329	5	Phœnicis - - π	23 51 8·07	51·85	2	+3·141	+0·05
4783	8332	6	Piazzi XXIII–248 -	23 51 44·91	51·81	3	+3·099	−0·32
4784	8333	6·7	Piazzi XXIII–249 -	23 51 58·96	51·57	2	+3·076	−0·09
4785	8334	4	Toucani - - ϵ	23 52 5·16	51·87	2	+3·177	−0·05
4786	8339	5·6	Phœnicis - - τ	23 53 21·12	51·90	2	+3·116	−0·03
4787	8340	7·6	Rumker 626 - -	23 53 33				
4788	8341	6	Taylor 10974 - -	23 53 36·52	51·77	2	+3·117	−0·27
4789	8342	4·5	Octantis - - θ	23 53 47				
4790	8343	6·7	Piazzi XXIII–254 -	23 53 58·46	51·79	2	+3·101	+0·17
4791	8346	6	29 Piscium - - -	23 54 8·18	51·81	5	+3·073	+0·12
4792	8347	7	Rumker 627 - -	23 54 12·72	51·76	1	+3·102	+0·18
4793	8348	7·6	Taylor 10978 - -	23 54 13·45	52·49	2	+3·097	−0·17
4794	8349	5	30 Piscium - - -	23 54 15·99	51·64	2	+3·075	+0·03
4795	8351	7	Bradley 3199 - -	23 54 21·29	51·75	2	+3·073	+0·15
4796	8352	5·6	Sculptoris - - ζ	23 54 38·01	52·59	2	+3·089	−0·05
4797	8357	7	Taylor 10988 - -	23 55 44·14	51·78	2	+3·089	+0·13
4798	8358	4·5	2 Ceti - - - -	23 56 3·17	51·77	2	+3·078	0·00
4799	8360	6	B. F. 3291 - - -	23 56 38·74	52·48	2	+3·077	
4800	8361	6	3 Ceti - - - -	23 56 49·36	51·69	2	+3·074	−0·07
4801	8362	7·6	Toucani - - -	23 56 51·40	51·49	2	+3·132	−0·42
4802	8363	5·6	Toucani - - -	23 57 1·68	52·48	2	+3·125	+0·02
4803	8365	6·7	Piazzi XXIII–270 -	23 57 22·46	51·58	2	+3·071	+0·13
4804	8367	7·6	Taylor 10999 - -	23 57 30·09	51·73	2	+3·090	−0·65*
4805	8368	5	33 Piscium - - -	23 57 39·37	51·84	12	+3·072	+0·03
4806	8369	6·7	Taylor 11002 - -	23 57 42·40	51·87	2	+3·092	−0·04
4807	8371	7	Rumker 630 - -	23 58 11·93	51·67	1	+3·080	+0·08
4808	8375	6	Taylor 11008 - -	23 59 14·72	52·72	1	+3·074	−0·24
4809	8376	7	Rumker 631 - -	23 59 44·97	51·78	2	+3·072	
4810	8377	7	Taylor 11010 - -	23 59 45·83	51·63	2	+3·073	−0·15

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

No.	Mean N.P.D. 1850, January 1.	Mean Year and Fraction of Year.	No. of Observations of N.P.D.	Annual Precession in N.P.D. for 1850.	Cape, 1880, *minus* Cape, 1850.	Star's No. in					
						Lacaille.	Brisbane.	Fallows.	Johnson.	Henderson.	Stone, 1880.
	° ′ ″			″	″						
4771	117 52 39·88	51·30	3	−20·02	− 0·18	9639	7342				12340
4772	131 8 10·32	51·09	2	−20·02	− 1·16	9640	7343				12342
4773	90 43 30·31	50·71	1	−20·02							
4774	122 45 22·50	51·15	2	−20·03	+ 0·36	9643	7344				12344
4775	147 58 58·78	51·13	4	−20·03	+ 0·89	9656	7348				12358
4776	173 0 13·26	50·87	4	−20·03	+ 0·91	9651	7350	418	599	9	12360
4777	153 47 32·64	50·63	2	−20·03	+ 0·01	9658					12362
4778	155 7 51·22	51·23	3	−20·04	+ 0·49	9661	7352		600		12365
4779	153 50 24·64	50·63	2	−20·04	+ 0·22	9668					12372
4780	106 40 56·60	51·29	3	−20·04							
4781	94 23 17·02	51·17	8	−20·04	− 0·58			419	601		12375
4782	143 35 0·11	51·03	2	−20·04	− 0·26	9671	7355				12376
4783	120 19 13·14	51·30	3	−20·04	− 0·05	9675	7358				12381
4784	96 43 32·77	50·57	1	−20·04	+ 2·96						12386
4785	156 24 41·30	51·10	2	−20·04	+ 0·25	9678	7360	420	602		12389
4786	139 38 42·86	51·07	2	−20·05	− 1·44	9689	7365				12398
4787	132 19 17·62	50·67	3	−20·05	+ 0·82	9692					12400
4788	141 10 23·57	51·16	2	−20·05	− 0·23	9694	7366				12401
4789	167 53 37·73	51·02	3	−20·05	+ 5·20*	9691	7367				12404
4790	130 59 0·68	51·11	2	−20·05	+ 0·36	9696	7368				12405
4791	93 51 43·99	51·05	2	−20·05	+ 0·07			421	603		12406
4792	132 26 53·12	50·72	2	−20·05	+ 1·90	9698					12407
4793	128 3 48·04	51·01	3	−20·05	+ 2·17	9697	7369				12408
4794	96 50 52·39	50·73	1	−20·05	− 0·82				604		12409
4795	93 36 3·07	50·47	1	−20·05	+ 2·23						12411
4796	120 33 22·35	51·18	2	−20·05	− 0·56	9700	7370				12412
4797	127 5 12·73	51·20	2	−20·05	− 0·37	9703	7373				12415
4798	108 10 16·05	50·55	1	−20·05	− 0·19			422	605		12416
4799	107 21 43·99	50·53	1	−20·05							
4800	101 20 40·25	50·59	1	−20·05	+ 0·24						12422
4801	163 43 51·48	51·08	4	−20·05	+ 1·57	9708					12423
4802	162 16 17·47	50·72	2	−20·05	+ 0·74	9710	7374				12425
4803	91 20 10·78	50·62	1	−20·05	+ 0·28			423			12428
4804	142 58 53·29	51·17	2	−20·05	+ 3·64	9712	7377				12429
4805	96 32 48·23	51·39	8	−20·05	− 2·67			424	606		12431
4806	147 47 23·94	51·27	3	−20·05	+ 3·33	9716	7378				12433
4807	132 35 6·15	51·00	3	−20·06	− 0·80	9720					12437
4808	129 42 46·52	51·10	2	−20·06	+ 1·33	9725	7379				5
4809	131 18 54·95	50·75	1	−20·06							
4810	147 40 15·75	51·08	2	−20·06	+ 2·07	9730	7381				10

An asterisk * in the column "Cape, 1880, *minus* Cape, 1850" denotes that the quantity against which it is placed has not been used in the comparison between the 1850 and 1880 Catalogues.

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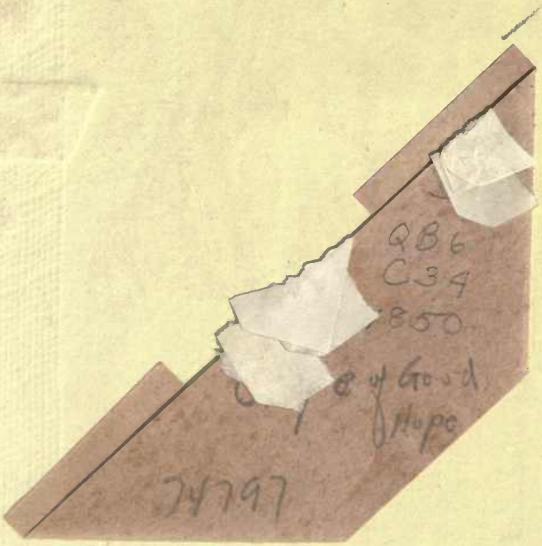
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